

**TRAVIS COUNTY PRE-CONSTRUCTION NOTICES:**  
PLEASE SCHEDULE YOUR PROJECT'S PRE-CONSTRUCTION MEETING USING YOUR ACCOUNT ON MYPERMITNOTIFY.ORG AND FOLLOW-UP WITH AN EMAIL TO JOHNNY ANGLIN - A.  
JOHNNY.ANGLIN@TRAVISCOUNTYTX.GOV  
SCHEDULING THE PRE-CONSTRUCTION MEETING ENSURES THAT ALL REQUIRED NOTICES AND PERMITS ARE POSTED AND THE CERTIFIED INSPECTOR FOR YOUR SITE HAS UPLOADED A SWP'S INSPECTION REPORT TO YOUR ACCOUNT THAT CONFIRMS THAT THE FIRST PHASE OF TEMPORARY EASES HAVE BEEN INSTALLED PER PLANS AND SPECIFICATIONS.  
FAILURE TO FOLLOW THE PRE-CONSTRUCTION MEETING REQUIREMENTS MAY RESULT IN WORK STOPPAGE AND ADDITIONAL PERMIT FEES.

**SPECIAL PRE-CON NOTES:**

1. PROVIDE 72 HR. MINIMUM NOTICE TO SCHEDULE THE PRE-CON MEETING.  
2. PROVIDE A 1/2 SIZE SET OF PLANS FOR THE INSPECTOR AT THE PRE-CON.  
3. PROVIDE AN ANTICIPATED CONSTRUCTION SCHEDULE AT THE PRE-CON.  
ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE PLANS APPROVED BY TRAVIS COUNTY
- TOTAL SITE AREA WITHIN LIMIT OF CONSTRUCTION (LOC): 0.67 AC  
TOTAL AREA OF DISTURBANCE: 0.22 AC

NOTES:



1. CONTRACTOR SHALL NOT USE THE PUBLIC WORKS DEPARTMENT 24 HOURS PRIOR TO STARTING CONSTRUCTION OR CLOSING OPERATIONS.
2. CONTRACTOR SHALL CALL "ONE CALL" AT #11 FOR UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET RIGHT OF WAYS.
3. THIS PROJECT IS LOCATED WITHIN THE PANTHER HOLLOW & TURKEY WATERSHED CLASSIFIED AS WATER SUPPLY RURAL AND SHALL BE DEVELOPED, CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH CHAPTER 25 OF THE CODE OF THE CITY OF AUSTIN.
4. NO PORTION OF THIS SITE IS LOCATED WITHIN PARKLAND OR LANES USED FOR PARK PURPOSES. (IF SUCH LAND IS INCLUDED, DOCUMENTATION OF PARKS AND RECREATION DEPT APPROVAL IS REQUIRED AT THE TIME OF SUBMITTAL FOR GENERAL PERMIT PROGRAM APPROVAL.)
5. NO PORTION OF THIS SITE IS LOCATED WITHIN THE 100-YEAR FLOODPLAIN, PER CITY OF AUSTIN AND FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S) NO 4805C0300J, DATED JAN 6, 2016.
6. THIS PROJECT IS WITHIN THE EDWARDS AQUIFER RECHARGE ZONE AS DEFINED BY THE CITY OF AUSTIN. THIS PROJECT IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE AS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ).
7. THERE ARE NO CRITICAL ENVIRONMENTAL FEATURES WITHIN 150' OF ANY PORTION OF THIS PROJECT. A FIELD INVESTIGATION HAS/ HAS NOT BEEN PERFORMED AS A PART OF THIS PROJECT. (A FIELD INVESTIGATION HAS NOT BEEN PERFORMED AS A PART OF THIS PROJECT AND IS NOT REQUIRED.)
8. THE STANDARD SHEETS INCLUDED IN THIS PLAN SET WERE PROVIDED BY THE GENERAL PERMIT PROGRAM OFFICE FOR USE ON GENERAL PERMIT PROJECTS ONLY. IF ANY MODIFICATIONS TO THE SHEETS WERE MADE, THEY ARE CLEARLY INDICATED ON THE SHEET ITSELF AND IN THE COVER SHEET INDEX.
9. ADDITIONAL TRENCH E/S CONTROL: TRIANGULAR SEDIMENT FILTER DIKE WILL BE INSTALLED ACROSS FULL WIDTH OF TRENCH AND DOWNSTREAM OF CONSTRUCTION AREA, PERPENDICULAR TO CURB. FILTER DIKE TO FOLLOW ACTIVE CONSTRUCTION. REMOVING AND RE-SETTING FILTER DIKE IS CONSIDERED SUBSIDIARY TO BARRICADES AND TRAFFIC HANDLING.
10. PROJECT SCHEDULE MUST BE APPROVED BY THE GENERAL PERMIT PROGRAM (GPP) COORDINATOR. INSTALLATION AND REMOVAL OF TEMPORARY AND PERMANENT EROSION/SEDIMENTATION CONTROLS MUST BE REFLECTED IN THE SCHEDULE, BY STATION NUMBER. GPP INSPECTOR MUST BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF TRANSITION BETWEEN STAKES.
11. APPROPRIATE EASEMENTS/APPROVALS MUST BE SECURED AND DOCUMENTED FOR PROJECT AREAS LOCATED OUTSIDE OF RIGHT OF WAYS. NO WORK SHALL BE PERFORMED WITHIN THESE AREAS UNTIL ASSOCIATED RIGHT OF ENTRY HAS BEEN SECURED. ADDITIONALLY, THIS PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL ALL RECORDED EASEMENT DOCUMENT NUMBERS HAVE BEEN OBTAINED AND SHOWN ON PLANS.
12. CONTRACTOR SHALL STAKE ALL PROPOSED SERVICE CONNECTIONS LOCATED WITHIN THE CRITICAL ROOT ZONE OF TREES IN CALIPER AND LATER AT LEAST 14 DAYS PRIOR TO CONSTRUCTION OF SUCH SERVICES. STAKING SERVICES, STAKING EQUIPMENT, CONTRACTOR MAY USE PANT ONLY, ONCE STAKING IS COMPLETED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE CITY OF AUSTIN'S CONSTRUCTION PROGRAM WITHIN 14 DAYS. MEETING WITH THE CITY OF AUSTIN'S CONSTRUCTION PROGRAM WILL THEN CONSTITUTE A FIELD REVIEW OF THE SERVICE LOCATIONS WITH THE GENERAL PERMIT PROGRAM COORDINATOR AND PROPERTY OWNERS. SERVICE LINE LOCATIONS MAY BE ADJUSTED BASED ON THE REVIEW AND WILL BE RE-STAKED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL SERVICE LINE STAKING SHALL BE MAINTAINED UNTIL THE UTILITY IS INSTALLED.

NOTES:  
GENERAL PERMIT PROGRAM APPROVAL DOES NOT CONSTITUTE UTILITY ALIGNMENT/ASSIGNMENT APPROVAL.  
RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS  
SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY,  
AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY  
ENGINEERS.

GENERAL PERMIT PROGRAM CORRECTIONS  
RECORD FOR USE BY GENERAL PERMIT OFFICE ONLY

FOR USE BY GENERAL PERMIT OFFICE ONLY

TRAVIS  
COUNTY  
CORRECTIONS

NO	DESCRIPTION	BY	CORRECT (C) ADD (D) VOID (V) SHEET NO.'s	TOTAL # SHEETS IN CORRECTION PROGRAM PLAN SET	GENERAL PERMIT PROGRAM APPROVAL	APPROVAL DATE	TRAVIS COUNTY APPROVAL	APPROVAL DATE
C1	RECREATE SCOOPS OF WORK, REVISE CONSTRUCTION SEQUENCE & PHASES, AND REMOVE "NOT USED" SHEETS	TC	(C) 1, 4, 1A, 8, 9, 9A, 10, 12-15, 16, 27-30 (Remove items 2, 4B, 10, 41-43, 45, 56-57 SEE SHEET 7)	27		5/5/16		5/24/16
C2	CHANGE PROJECT NAME & REVISE NOTES TO ORIGINAL SCOOPS OF WORK	TC	(D) 1, 4, 6, 7, 9-12, 15-22, 26, 30-35, 40-42, 51	31				

CITY OF AUSTIN, TEXAS  
AUSTIN WATER

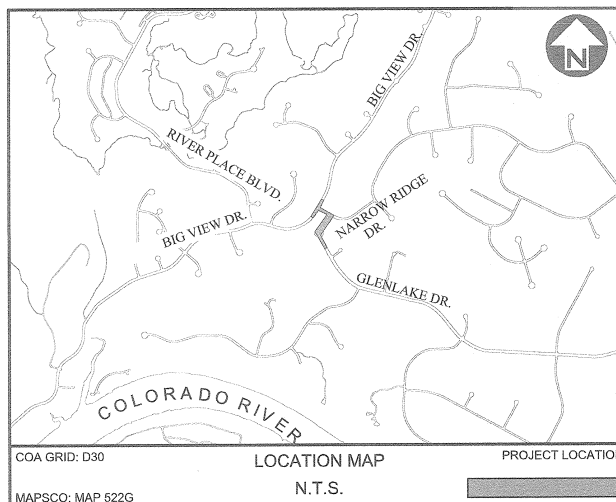


# GLENLAKE PUMP STATION BYBASS IMPROVEMENTS

FDU 3920 2207 6584  
SUB PROJECT ID: 2006.024  
WATER ID NO. W-2018- 0013  
CLMC787

NOTES:  
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ALIGNMENT/ASSIGNMENT APPROVAL.

RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.



WATER PRESSURE ZONE: GLENLAKE			
LOCATION	MIN.	TYP.	MAX.
GLENLAKE (GL2): 8" AC WL	62.77 PSI	67.10 PSI	71.43 PSI
GLENLAKE (GL2): 4" PVC WL	63.20 PSI	67.53 PSI	71.86 PSI

RIVER PLACE ZONE

UCC-161103-06-01  
ALL CC NUMBER

PROJECT INFORMATION:

**STREET ADDRESS:**  
9809 GLENLAKE DR.  
AUSTIN, TX 78730

CLIENT/SPONSOR:  
CITY OF AUSTIN  
AUSTIN WATER  
625 E. 10TH STREET  
AUSTIN, TX 78701

**CONTACT:**  
TIGER DAVIS, P.E.  
PHONE: (512) 972-2205  
EMAIL: TIGER.DAVIS@austinwater.com

## PROJECT MANAGEMENT:

**PROJECT MANAGEMENT:**  
CITY OF AUSTIN  
PUBLIC WORKS DEPARTMENT  
PROJECT MANAGEMENT DIVISION  
505 BARTON SPRINGS RD., STE. 900  
AUSTIN, TEXAS 78704

CONTACT:  
MICHAEL SINGLETON, P.E.  
PHONE: 512-974-2979  
EMAIL: MICHAEL.SINGLETON@austintexas.com

## SUBMITTAL PREPARED BY:



THE SEAL APPEARING ON THIS  
DOCUMENT WAS AUTHORIZED BY  
THU CAO  
LIC. # 55976

I CERTIFY THAT THESE DRAWINGS ARE  
COMPLETE, ACCURATE AND ADEQUATE  
FOR THEIR INTENDED PURPOSE  
INCLUDING CONSTRUCTION, BUT ARE NOT  
AUTHORIZED FOR CONSTRUCTION UNLESS  
FORMAL CITY APPROVAL.



ENGINEERING SERVICES  
DIVISION

CITY OF AUSTIN  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES DIVISION  
505 BARTON SPRINGS RD., STE. 90  
AUSTIN, TEXAS 78704

**CONTACT:**  
THU CAO, P.E.  
PHONE: (512) 974-7167  
FAX: (512) 974-7222  
EMAIL: THU.CAO@austintexas.com

## APPROVED BY GENERAL PERMIT HOLDER:


FOR GENERAL PERMIT HOLDER BL Parry, P.E., CFM 4/3/2011 DATE

GP-2018-0000-AW  
ANNUAL GENERAL PERMIT NUMBER

## REVIEWED BY:


(NUMBER)	
<i>John Doe, P.E.</i> AW SIGNATURE	04-03-20 DATE
<i>John Doe, P.E.</i> AW FACILITIES	04-03-20 DATE
<i>George Benson Jr.</i> ALLOTT SIGNATURE	4/3/2011 DATE

APPROVALS:

  
 FOR TRAVIS COUNTY  
 18-18786  
 TRAVIS COUNTY PERMIT NUMBER

9/17/18  
 DATE

## APPROVAL FOR SITE DEVELOPMENT PERMIT:


5/17/18

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GENERAL PERMIT PROGRAM COORDINATOR  
 PLANNING AND DEVELOPMENT REVIEW DEPARTMENT
 DATE

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GP-2018-0077-AWJ

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DEVELOPMENT PERMIT NUMBER

SUBMITTAL DATE: \_\_\_\_\_ AUSTIN WATER UTILITY  
EXPIRATION DATE: \_\_\_\_\_

**Inspection Notice:**  
Please contact Public Works, Construction Inspection Division at 974-1599 for arrangements for payment of inspection fees and job assignment for inspection of the public utilities related to this site. Inspection fees must be paid before any pre-construction meeting can be held.

APR 03 2020

G-001	1 OF 55
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# GENERAL PERMIT PROGRAM

SHT		ID	Sheet Title																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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EXISTING FEATURES		PROPOSED FEATURES		
CENTERLINE RIGHT OF WAY LINE PROPERTY LINE EASEMENT LINE 25Y FLOOD HAZARD ZONE 25 YEAR 100Y FLOOD HAZARD ZONE 100 YEAR CWQZ CRITICAL WATER QUALITY ZONE WQTZ TRANSITION WATER QUALITY ZONE DR DRAINAGE EDGE DRAINAGE CENTERLINE DITCH EDGE TC TIME OF CONCENTRATION 600 MAJOR CONTOURS 599 MINOR CONTOURS PAVED ROAD EDGE PAVED PARKING / DRIVEWAY EDGE GRAVEL EDGE CURB LINE BUILDING LINE GUARDRAIL HANDRAIL CHAINLINK FENCE BARBWIRE FENCE WOOD FENCE STEEL FENCE FENCE LINE STONE / ROCK WALL BRICK WALL TREE LINE C OH COMMUNICATION OVERHEAD C UG COMMUNICATION UNDERGROUND FO OH FIBER OPTIC OVERHEAD FO UG FIBER OPTIC UNDERGROUND TS OH TRAFFIC SIGNAL OVERHEAD TS UG TRAFFIC SIGNAL UNDERGROUND E OH ELECTRIC OVERHEAD E UG ELECTRIC UNDERGROUND CW CHILLED WATER LINE CW CHILLED WATER ABANDONED G NATURAL GAS LINE G NATURAL GAS ABANDONED R RECLAIMED WATER LINE R RECLAIMED WATER ABANDONED IR IRRIGATION LINE IR IRRIGATION ABANDONED W WATER LINE W WATER ABANDONED W WASTEWATER LINE W WASTEWATER ABANDONED W FORCE MAIN LINE W WASTEWATER ABANDONED W FORCE MAIN ABANDONED	BRASS DISK FOUND BRASS DISK SET BOLT FOUND BOLT SET BM BENCHMARK FOUND BM BENCHMARK SET CALCULATED POINT CONTROL POINT FOUND CONTROL POINT SET COTTON SPINDLE FOUND COTTON SPINDLE SET DRILL HOLE FOUND DRILL HOLE SET HUB & TACK FOUND HUB & TACK SET IRON PIPE FOUND IRON PIPE SET IRON ROD FOUND IRON ROD SET MONUMENT FOUND MONUMENT SET MAGNAL FOUND MAGNAL SET PROPERTY PIN FOUND PROPERTY PIN SET TEMP. BENCHMARK FOUND TEMP. BENCHMARK SET CROSS FOUND CROSS SET BIKE RACK BOLLARD BENCH BUS STOP GARBAGE CAN GUARDRAIL POST MAILBOX POST RAMP TREE GRATE SIGN MANHOLE UNKNOWN TEST PIT BORE HOLE RAILROAD SIGNAL SHRUB TREE	STORM DRAIN AREA INLET DRAINAGE ARROW STORM DRAIN CURB INLET STORM DRAIN CLEANOUT STORM DRAIN GRATE INLET STORM DRAIN HEADWALL STORM DRAIN MANHOLE STORM DRAIN WINGWALL WASTEWATER CLEANOUT WASTEWATER MANHOLE WASTEWATER METER WASTEWATER CAP WATER AIR FLUSH VALVE WATER AIR RELEASE VALVE WATER CAP WATER DRAINAGE VALVE WATER FIRE CONNECTION WATER FIRE HYDRANT WATER MANHOLE WATER METER WATER REDUCER WATER SHUTOFF VALVE WATER VALVE WATER WELL COMMUNICATION PEDESTAL COMM. JUNCTION BOX COMMUNICATION MANHOLE COMMUNICATION POLE COMMUNICATION VAULT FIBER OPTIC MANHOLE FIBER OPTIC JUNCTION BOX ELECTRIC ANCHOR ELECTRIC JUNCTION BOX ELECTRIC LIGHT POLE ELECTRIC MANHOLE ELECTRIC METER ELECTRIC POLE ELECTRIC VAULT ELECTRIC TOWER CHILLED WATER MANHOLE CHILLED WATER VALVE NATURAL GAS LIGHT NATURAL GAS MANHOLE NATURAL GAS METER NATURAL GAS VALVE NATURAL GAS VENT IRRG. CONTROL VALVE SPRINKLER CONTROL VALVE SPRINKLER HEAD IRRIGATION HOSE BIB RECLAIMED WATER MANH. RECLAIMED WATER METER RECLAIMED WATER VALVE TRAF. SIGNAL MANHOLE TRAF. SIGNAL CONTROL BOX TRAF. SIGNAL PULL BOX TRAF. SIGNAL / PED SIGNAL TRAF. SIGNAL LIGHT & SIGN. TRAF. SIGNAL SIGN. EXTEND.	CENTERLINE RIGHT OF WAY LINE PROPERTY LINE EASEMENT LINE 25Y FLOOD HAZARD ZONE 25 YEAR 100Y FLOOD HAZARD ZONE 100 YEAR CWQZ CRITICAL WATER QUALITY ZONE WQTZ TRANSITION WATER QUALITY ZONE DR DRAINAGE EDGE DRAINAGE CENTERLINE DITCH EDGE TC TIME OF CONCENTRATION 600 MAJOR CONTOURS 599 MINOR CONTOURS PAVED ROAD EDGE PAVED PARKING / DRIVEWAY EDGE GRAVEL EDGE PAVED ROAD DEMOLITION PAVED PARKING DEMOLITION CURB LINE CURB LINE DEMOLITION BUILDING LINE GUARDRAIL GUARDRAIL DEMOLITION HANDRAIL HANDRAIL DEMOLITION CHAINLINK FENCE STEEL FENCE FENCE DEMOLITION (GENERIC) STONE / ROCK WALL BRICK WALL TRAFFIC CONE LINE TRANSVERSE JOINT LONGITUDINAL JOINT EROSION ROCK BERM EROSION DIVERSION DIKE EROSION MULCH SOCK EROSION SILT FENCE EROSION TRI-FILTER DIKE EROSION TREE PROTECTION LIMITS OF CONSTRUCTION C OH COMMUNICATION OVERHEAD C UG COMMUNICATION UNDERGROUND COMMUNICATION DEMOLITION TS OH TRAFFIC SIGNAL OVERHEAD TS UG TRAFFIC SIGNAL UNDERGROUND TRAFFIC SIGNAL DEMOLITION E OH ELECTRIC OVERHEAD E UG ELECTRIC UNDERGROUND ELECTRIC DEMOLITION CW CHILLED WATER LINE CHILLED WATER TO ABANDON CHILLED WATER DEMOLITION R RECLAIMED WATER LINE RECLAIMED WATER TO ABANDON RECLAIMED WATER DEMOLITION	IRRIGATION LINE IRRIGATION TO ABANDON IRRIGATION DEMOLITION STORM DRAIN LINE STORM DRAIN TO ABANDON STORM DRAIN DEMOLITION PERFORATED DRAIN WATER LINE WATER TO ABANDON WATER DEMOLITION WASTEWATER LINE FORCE MAIN LINE WASTEWATER TO ABANDON FORCE MAIN TO ABANDON WASTEWATER DEMOLITION FORCE MAIN DEMOLITION
		BIKE RACK BOLLARD BENCH BUS STOP GARBAGE CAN GUARDRAIL POST MAILBOX POST RAMP TREE GRATE SIGN RAILROAD SIGNAL SHRUB TREE	STORM DRAIN AREA INLET DRAINAGE ARROW STORM DRAIN CURB INLET STORM DRAIN CLEANOUT STORM DRAIN GRATE INLET STORM DRAIN HEADWALL STORM DRAIN MANHOLE STORM DRAIN WINGWALL WASTEWATER CLEANOUT WASTEWATER MANHOLE WASTEWATER METER WASTEWATER CAP WATER AIR FLUSH VALVE WATER AIR RELEASE VALVE WATER CAP WATER DRAINAGE VALVE WATER FIRE CONNECTION WATER FIRE HYDRANT WATER MANHOLE WATER METER WATER REDUCER WATER SHUTOFF VALVE WATER VALVE WATER WELL COMMUNICATION PEDESTAL COMM. JUNCTION BOX COMMUNICATION MANHOLE COMMUNICATION POLE COMMUNICATION VAULT FIBER OPTIC MANHOLE FIBER OPTIC JUNCTION BOX ELECTRIC ANCHOR ELECTRIC JUNCTION BOX ELECTRIC LIGHT POLE ELECTRIC MANHOLE ELECTRIC METER ELECTRIC POLE ELECTRIC VAULT ELECTRIC TOWER CHILLED WATER MANHOLE CHILLED WATER VALVE NATURAL GAS LIGHT NATURAL GAS MANHOLE NATURAL GAS METER NATURAL GAS VALVE NATURAL GAS VENT IRRG. CONTROL VALVE SPRINKLER CONTROL VALVE SPRINKLER HEAD IRRIGATION HOSE BIB RECLAIMED WATER MANH. RECLAIMED WATER METER RECLAIMED WATER VALVE TRAF. SIGNAL MANHOLE TRAF. SIGNAL CONTROL BOX TRAF. SIGNAL PULL BOX TRAF. SIGNAL / PED SIGNAL TRAF. SIGNAL LIGHT & SIGN. TRAF. SIGNAL SIGN. EXTEND.	
		<div>CITY OF AUSTIN, TEXAS DEPARTMENT OF PUBLIC WORKS ENGINEERING SERVICES DIVISION GLENLAKE PUMP STATION BYPASS IMPROVEMENTS LEGEND SHEET</div> <div><div>NOTES</div><div>NAME</div><div>DATE</div><div>SURVEY BY QMD 10/16</div><div>DRAWN BY MS 02/17</div><div>DESIGNED BY MS 10/16</div><div>CHECKED BY TC 10/16</div><div>REVIEWED BY ESD 02/17</div></div> <div><div>ESD</div><div>ENGINEERING SERVICES DIVISION</div><div>GP-2018-0000-AW</div><div>G-003 3 OF 55</div></div>		









**CITY OF AUSTIN - STANDARD NOTES**  
**EROSION AND SEDIMENTATION CONTROL**  
**(MODIFIED FOR USE ON GENERAL PERMIT PROJECTS)**

1. THE CONTRACTOR SHALL INSTALL EROSION/SEDIMENTATION CONTROLS AND TREENATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR EXCAVATION).
2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE ENVIRONMENTAL CRITERIA MANUAL AND THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN.
3. THE PLACEMENT OF TREENATURAL AREA PROTECTIVE FENCING SHALL BE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARD NOTES FOR TREE AND NATURAL AREA PROTECTION AND THE APPROVED GRADING/TREE AND NATURAL AREA PLAN.
4. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD ON-SITE WITH THE CONTRACTOR, DESIGN ENGINEER, PERMIT APPLICANT, AND GENERAL PERMIT PROGRAM REPRESENTATIVE AFTER INSTALLATION OF THE EROSION/SEDIMENTATION CONTROLS AND THE TREENATURAL AREA PROTECTION MEASURES AND PRIOR TO BEGINNING ANY SITE PREPARATION WORK. THE CONTRACTOR SHALL NOTIFY THE GENERAL PERMIT PROGRAM OFFICE AT 512/974-6330, AT LEAST 3 DAYS PRIOR TO THE MEETING DATE.
5. ANY SIGNIFICANT VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS MUST BE APPROVED BY THE REVIEWING ENGINEER AND THE GENERAL PERMIT PROGRAM REPRESENTATIVE.
6. THE CONTRACTOR IS REQUIRED TO INSPECT THE CONTROLS AND FENCES AT DAILY INTERVALS AND AFTER SIGNIFICANT RAINFALL EVENTS TO INSURE THAT THEY ARE FUNCTIONING PROPERLY. THE PERSON(S) RESPONSIBLE FOR MAINTENANCE OF CONTROLS AND FENCES SHALL IMMEDIATELY MAKE ANY NECESSARY REPAIRS TO DAMAGED AREAS. SILT ACCUMULATION AT INLET DEVICES SHOULD BE REMOVED WHEN THE DEPTH REACHES TWO (2) INCHES.
7. PRIOR TO FINAL ACCEPTANCE BY THE CITY, HAUL ROADS AND WATERWAY CROSSINGS CONSTRUCTED FOR TEMPORARY CONTRACTOR ACCESS MUST BE REMOVED, ACCUMULATED SEDIMENT REMOVED FROM THE WATERWAY AND THE AREA RESTORED TO THE ORIGINAL GRADE AND REVEGETATED. ALL LAND CLEARING DEBRIS SHALL BE DISPOSED OF IN APPROVED SPILL DISPOSAL SITES.

8. ALL WORK MUST STOP IF A VOID IN THE ROCK SUBSTRATE IS DISCOVERED WHICH IS ONE SQUARE FOOT OR LARGER IN TOTAL AREA, BLOWS AIR FROM WITHIN THE SUBSTRATE, AND/OR CONSISTENTLY RECEIVES WATER DURING ANY RAIN EVENT. AT THIS TIME, IT IS THE RESPONSIBILITY OF THE PROJECT MANAGER TO IMMEDIATELY CONTACT THE GENERAL PERMIT PROGRAM REPRESENTATIVE FOR FURTHER INVESTIGATION.
9. FIELD REVISIONS TO THE EROSION/SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES. ANY REVISIONS TO THE PERMITTED PLAN MUST BE APPROVED BY THE GENERAL PERMIT PROGRAM OFFICE OF THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT.

10. PERMANENT EROSION/SEDIMENTATION CONTROL: ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, WHERE THE CRITERIA MANUAL AND CONTRACT DOCUMENTS OFFER THE MOST ENVIRONMENTALLY BENEFICIAL MATERIALS/METHOD SHALL BE REQUIRED UNLESS OTHERWISE APPROVED BY THE GENERAL PERMIT PROGRAM REPRESENTATIVE.

**11. DEVELOPER INFORMATION:**

OWNER: AUSTIN WATER  
COMPANY: CITY OF AUSTIN  
CONTACT: TIGER DAVIS, P.E.  
ADDRESS: 625 E. 10TH ST.  
AUSTIN, TX 78701

PHONE: 512-972-2205  
E-MAIL: TIGER.DAVIS@AUSTINTEXAS.GOV

OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS:  
COMPANY: CITY OF AUSTIN, PUBLIC WORKS DEPT.

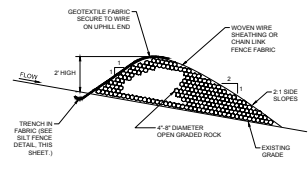
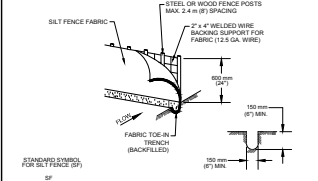
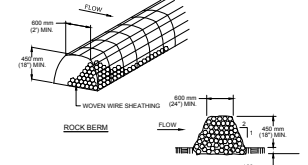
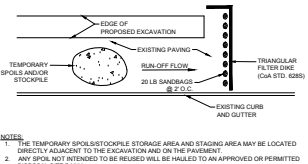
CONTACT: THU CAO, PE  
ADDRESS: 505 BARTON SPRINGS RD., SUITE 900  
AUSTIN, TX 78704

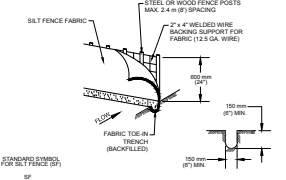
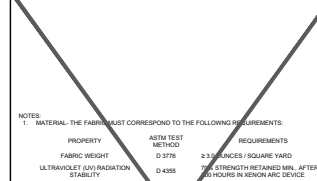
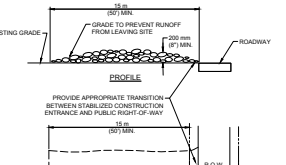

PHONE: 512-974-7167  
E-MAIL: THU.CAO@AUSTINTEXAS.GOV

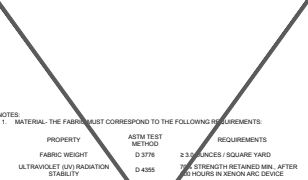
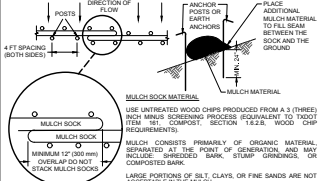
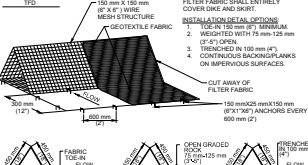

PARTY RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE:  
COMPANY: CONTRACTOR

PARTY RESPONSIBLE FOR TREENATURAL AREA PROTECTION MAINTENANCE:  
COMPANY: CONTRACTOR

12. THE CONTRACTOR SHALL NOT DISPOSE OF SURPLUS EXCAVATED MATERIAL FROM THE SITE WITHOUT NOTIFYING THE GENERAL PERMIT PROGRAM REPRESENTATIVE, AT 974-6330, AT LEAST 48 HOURS PRIOR TO THE SPILL REMOVAL. THIS NOTIFICATION SHALL INCLUDE THE DISPOSAL LOCATION AND A COPY OF THE PERMIT ISSUED TO RECEIVE THE MATERIAL.
13. INLET PROTECTION SHALL BE INSTALLED IMMEDIATELY PRIOR TO STREET WORK, AND WILL BE REMOVED AS SOON AS THE GENERAL PERMIT PROGRAM REPRESENTATIVE AGREES THAT THERE IS NO POTENTIAL FOR SEDIMENTATION.

STANDARD SYMBOL FOR SILT FENCE (SF)	
	
<b>TRENCH CROSS SECTION</b>	
1. STEEL OR WOOD POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (12 INCHES). IF WOOD POSTS CANNOT ACHIEVE 300 mm (12 INCH) DEPTH, USE STEEL POSTS.	
2. THE TIE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SHARP OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE TRENCH.	
3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 INCH) DEEP AND 150 mm (6 INCH) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAIN IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.	
4. SILT FENCE FABRIC SHOULD BE SECURELY FASTENED TO EACH STEEL OR WOOD POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST.	
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.	
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPIDE STORM FLOW OR DRAINAGE.	
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6 INCH). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.	
<b>FABRIC COVERED (SEVERE SERVICE) ROCK BERM</b>	
GENERAL PERMIT PROGRAM RECORD COPY SIGNED BY MOVED/ENGRS N/A	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6395-1
	
<b>CROSS SECTION</b>	
1. USE ONLY OPEN GRADED ROCK 75 TO 125 mm (3 TO 5 INCH) DIAMETER FOR ALL CONDITIONS.	
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25 mm (1 INCH) OPENING AND MINIMUM WIRE DIAMETER OF 1.5 mm (.06 INCH GAUGE).	
3. THE ROCK BERM SHALL BE INSPECTED DAILY OR AFTER EACH RAIN AND THE STONE AND/OR FABRIC COVER WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SEDIMENT ACCUMULATION AMONG THE ROCKS, WITHOUT CONSTRUCTION TRAFFIC DAMAGE, ETC.	
4. IF SEDIMENT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR 150 mm (6 INCH) WHICHEVER IS LESS, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF ON AN APPROVED SITE AND IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.	
5. WHEN THE SITE IS COMPLETELY STABILIZED THE BERM AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF ON AN APPROVED MANNER.	
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT RECORD COPY SIGNED BY MOVED/ENGRS 62260-1	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6395-1
	
<b>CROSS SECTION</b>	
1. THE TEMPORARY SPILL/SPILLAGE STORAGE AREA AND STAGING AREA MAY BE LOCATED DIRECTLY ADJACENT TO THE EXCAVATION AND ON THE PAVED/PAVED.	
2. ANY SPILL NOT INTENDED TO BE REUSED WILL BE HAULED TO AN APPROVED OR PERMITTED DISPOSAL SITE ONLY.	
3. THE TRIANGULAR FILTER DIKE SHALL BE REMOVED PRIOR TO THE END OF TRAFFIC CLOSURE AND DOWNSTREAM OF CONSTRUCTION AREA, PERPENDICULAR TO CURB AND TOP OF CURB. THE TRIANGULAR FILTER DIKE SHALL BE REMOVED IMMEDIATELY AFTER THE EXCAVATED AREA, FILTER DIKE TO FOLLOW ACTIVE CONSTRUCTION, REMOVING AND RESETTING THE FILTER DIKE IS CONSIDERED NECESSARY TO MAINTAIN AND TRAFFIC HANDLING.	
<b>ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS FOR GENERAL PERMIT PROGRAM PROJECTS</b>	

STANDARD SYMBOL FOR SILT FENCE (SF)	
	
<b>TRENCH CROSS SECTION</b>	
1. STEEL OR WOOD POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (12 INCHES). IF WOOD POSTS CANNOT ACHIEVE 300 mm (12 INCH) DEPTH, USE STEEL POSTS.	
2. THE TIE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SHARP OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE TRENCH.	
3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 INCH) DEEP AND 150 mm (6 INCH) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAIN IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.	
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<b>FABRIC COVERED (SEVERE SERVICE) ROCK BERM</b>	
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT RECORD COPY SIGNED BY MOVED/ENGRS 62260-1	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6415-1
	
<b>CROSS SECTION</b>	
1. USE ONLY OPEN GRADED ROCK 75 TO 125 mm (3 TO 5 INCH) DIAMETER FOR ALL CONDITIONS.	
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25 mm (1 INCH) OPENING AND MINIMUM WIRE DIAMETER OF 1.5 mm (.06 INCH GAUGE).	
3. THE ROCK BERM SHALL BE INSPECTED DAILY OR AFTER EACH RAIN AND THE STONE AND/OR FABRIC COVER WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SEDIMENT ACCUMULATION AMONG THE ROCKS, WITHOUT CONSTRUCTION TRAFFIC DAMAGE, ETC.	
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CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT RECORD COPY SIGNED BY MOVED/ENGRS 62260-1	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6415-1
	
<b>CROSS SECTION</b>	
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<b>ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS FOR GENERAL PERMIT PROGRAM PROJECTS</b>	

STANDARD SYMBOL FOR SILT FENCE (SF)	
	
<b>TRENCH CROSS SECTION</b>	
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3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 INCH) DEEP AND 150 mm (6 INCH) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAIN IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.	
4. SILT FENCE FABRIC SHOULD BE SECURELY FASTENED TO EACH STEEL OR WOOD POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST.	
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<b>FABRIC COVERED (SEVERE SERVICE) ROCK BERM</b>	
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT RECORD COPY SIGNED BY MOVED/ENGRS 62260-1	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6415-1
	
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CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT RECORD COPY SIGNED BY MOVED/ENGRS 62260-1	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6415-1
	
<b>CROSS SECTION</b>	
1. THE TEMPORARY SPILL/SPILLAGE STORAGE AREA AND STAGING AREA MAY BE LOCATED DIRECTLY ADJACENT TO THE EXCAVATION AND ON THE PAVED/PAVED.	
2. ANY SPILL NOT INTENDED TO BE REUSED WILL BE HAULED TO AN APPROVED OR PERMITTED DISPOSAL SITE ONLY.	
3. THE TRIANGULAR FILTER DIKE SHALL BE REMOVED PRIOR TO THE END OF TRAFFIC CLOSURE AND DOWNSTREAM OF CONSTRUCTION AREA, PERPENDICULAR TO CURB AND TOP OF CURB. THE TRIANGULAR FILTER DIKE SHALL BE REMOVED IMMEDIATELY AFTER THE EXCAVATED AREA, FILTER DIKE TO FOLLOW ACTIVE CONSTRUCTION, REMOVING AND RESETTING THE FILTER DIKE IS CONSIDERED NECESSARY TO MAINTAIN AND TRAFFIC HANDLING.	
<b>ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS FOR GENERAL PERMIT PROGRAM PROJECTS</b>	

STANDARD SYMBOL FOR SILT FENCE (SF)	
	
<b>TRENCH CROSS SECTION</b>	
1. STEEL OR WOOD POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 300 mm (12 INCHES). IF WOOD POSTS CANNOT ACHIEVE 300 mm (12 INCH) DEPTH, USE STEEL POSTS.	
2. THE TIE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SHARP OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE TRENCH.	
3. THE TRENCH MUST BE A MINIMUM OF 150 mm (6 INCH) DEEP AND 150 mm (6 INCH) WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAIN IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.	
4. SILT FENCE FABRIC SHOULD BE SECURELY FASTENED TO EACH STEEL OR WOOD POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL OR WOOD FENCE POST.	
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.	
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPIDE STORM FLOW OR DRAINAGE.	
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150 mm (6 INCH). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.	
<b>FABRIC COVERED (SEVERE SERVICE) ROCK BERM</b>	
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT RECORD COPY SIGNED BY MOVED/ENGRS 62260-1	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD STANDARD NO. 6415-1
	
<b>CROSS SECTION</b>	
1. USE ONLY OPEN GRADED ROCK 75 TO 125 mm (3 TO 5 INCH) DIAMETER FOR ALL CONDITIONS.	
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25 mm (1 INCH) OPENING AND MINIMUM WIRE DIAMETER OF 1.5 mm (.06 INCH GAUGE).	
3. THE ROCK BERM SHALL BE INSPECTED DAILY OR AFTER EACH RAIN AND THE STONE AND/OR FABRIC COVER WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SEDIMENT ACCUMULATION AMONG THE ROCKS, WITHOUT CONSTRUCTION TRAFFIC DAMAGE, ETC.	
4. IF SEDIMENT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR 150 mm (6 INCH) WHICHEVER IS LESS, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF ON AN APPROVED SITE AND IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.	
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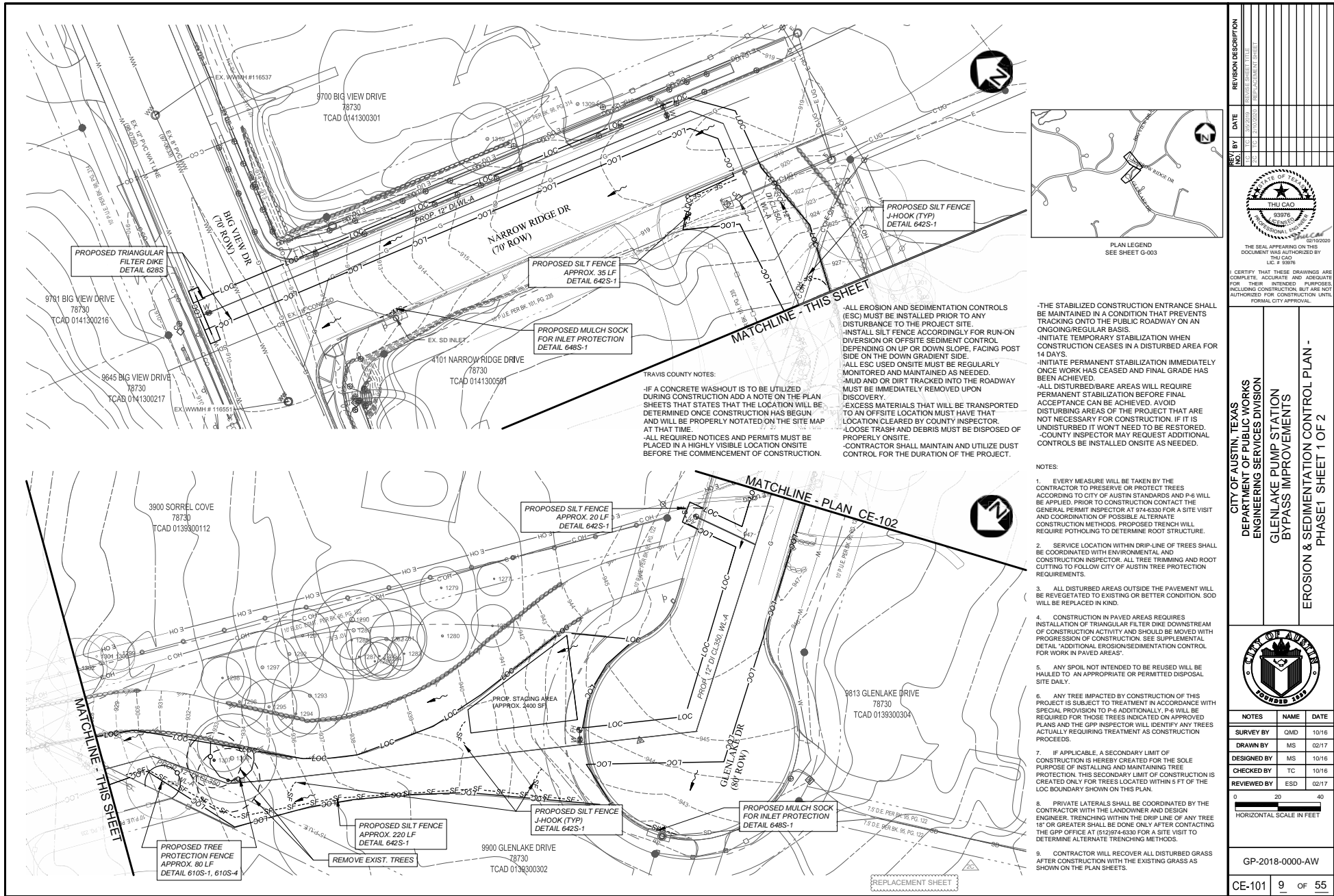
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<b>ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS FOR GENERAL PERMIT PROGRAM PROJECTS</b>	



GENERAL PERMIT OFFICE  
EROSION/SEDIMENTATION  
CONTROL  
CITY OF AUSTIN STANDARD NOTES AND DETAILS

REVISIONS			REMARKS
NO.	BY	DATE	
20	TC	27/10/2020	REPLACEMENT SHEET





REVISION DESCRIPTION	
NO.	DATE
1	10/16
2	10/16
3	10/16
4	10/16
5	10/16
6	10/16
7	10/16
8	10/16
9	10/16
10	10/16
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14	10/16
15	10/16
16	10/16
17	10/16
18	10/16
19	10/16
20	10/16

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THJ CAD LC # 93976

I, CERTIFY THAT THESE DRAWINGS ARE COMPLETE, ACCURATE AND ADEQUATE FOR THEIR INTENDED PURPOSES INCLUDING CONSTRUCTION, BUT ARE NOT AUTHORIZED FOR CONSTRUCTION UNTIL FORMAL CITY APPROVAL.

CITY OF AUSTIN, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING SERVICES DIVISION  
GLENLAKE PUMP STATION  
BYPASS IMPROVEMENTS  
EROSION & SEDIMENTATION CONTROL PLAN -  
PHASE1 SHEET 1 OF 2

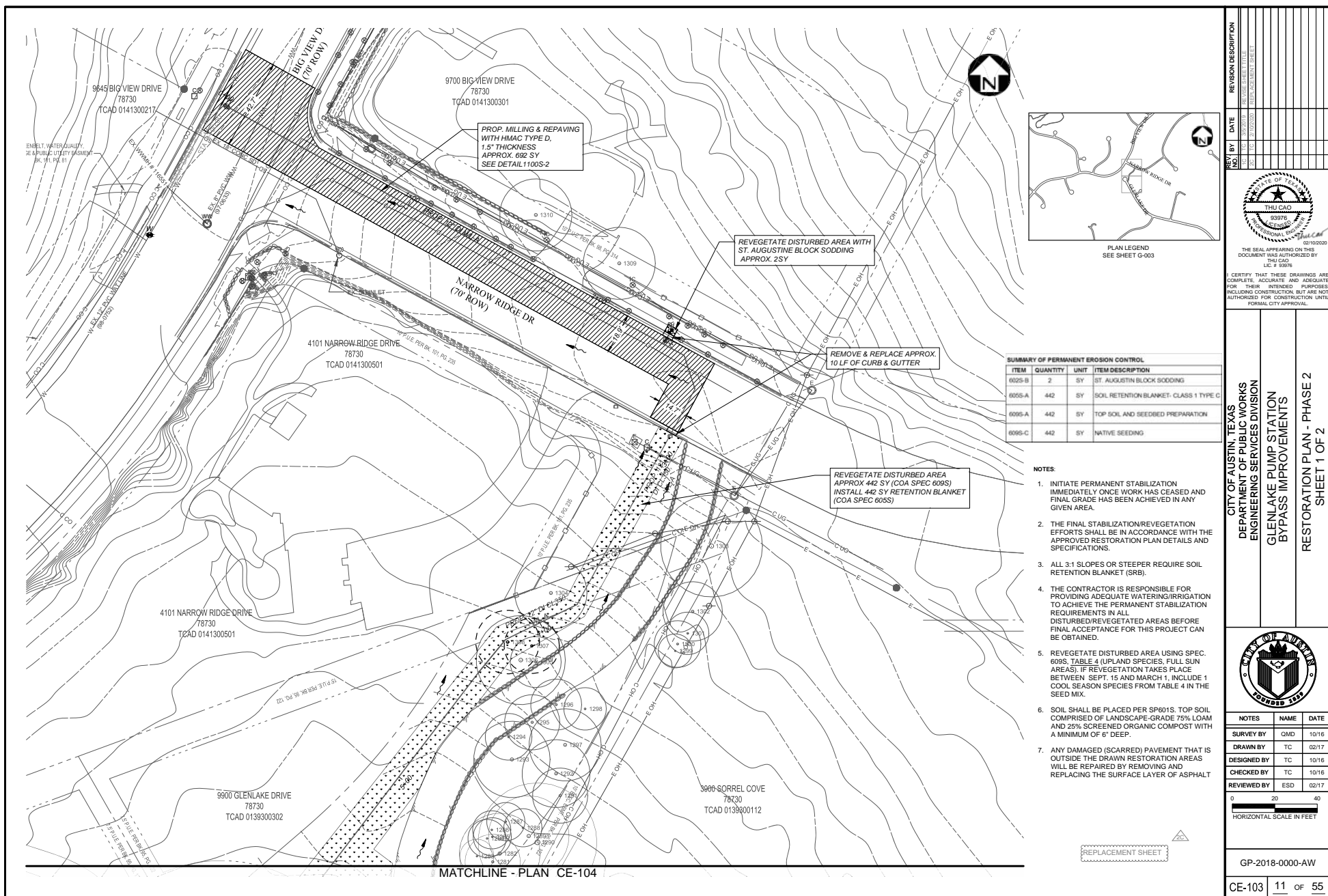
NOTES	NAME	DATE
1. EVERY MEASURE WILL BE TAKEN BY THE CONTRACTOR TO PRESERVE OR PROTECT TREES ACCORDING TO CITY OF AUSTIN STANDARDS AND P-6 WILL BE APPLIED PRIOR TO CONSTRUCTION CONTACT THE GENERAL PERMIT INSPECTOR AT 974-6330 FOR A SITE VISIT AND COORDINATION OF POSSIBLE ALTERNATE CONSTRUCTION METHODS. PROPOSED TRENCH WILL REQUIRE POtholing TO DETERMINE ROOT STRUCTURE.	QMD	10/16
2. SERVICE LOCATION WITHIN DRIP-LINE OF TREES SHALL BE COORDINATED WITH ENVIRONMENTAL AND CONSTRUCTION INSPECTOR. ALL TREE TRIMMING AND ROOT CUTTING TO FOLLOW CITY OF AUSTIN TREE PROTECTION REQUIREMENTS.	MS	02/17
3. ALL DISTURBED AREAS OUTSIDE THE PAVEMENT WILL BE REVEGETATED TO EXISTING OR BETTER CONDITION. SOO WILL BE REPLACED IN KIND.	MS	10/16
4. CONSTRUCTION IN PAVED AREAS REQUIRES INSTALLATION OF TRIANGULAR FILTER DIKE DOWNSTREAM OF CONSTRUCTION ACTIVITY AND SHOULD BE MOVED WITH PROGRESSION OF CONSTRUCTION. SEE SUPPLEMENTAL DETAIL "ADDITIONAL EROSION/SEDIMENTATION CONTROL FOR WORK IN PAVED AREAS".	TC	10/16
5. ANY SPOIL NOT INTENDED TO BE REUSED WILL BE HAULED TO AN APPROPRIATE OR PERMITTED DISPOSAL SITE DAILY.	ESD	02/17
6. ANY TREE IMPACTED BY CONSTRUCTION OF THIS PROJECT IS SUBJECT TO TREATMENT IN ACCORDANCE WITH SPECIAL PROVISION TO P-6 ADDITIONALLY, P-6 WILL BE REQUIRED FOR THOSE TREES INDICATED ON APPROVED PLANS AND THE GRP INSPECTOR WILL IDENTIFY ANY TREES ACTUALLY REQUIRING TREATMENT AS CONSTRUCTION PROCEEDS.		
7. IF APPLICABLE, A SECONDARY LIMIT OF CONSTRUCTION IS HEREBY CREATED FOR THE SOLE PURPOSE OF INSTALLING AND MAINTAINING TREE PROTECTION. THIS SECONDARY LIMIT OF CONSTRUCTION IS CREATED ONLY FOR TREES LOCATED WITHIN 5 FT OF THE LOC BOUNDARY SHOWN ON THIS PLAN.		
8. PRIVATE LATERALS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE LANDOWNER AND DESIGN ENGINEER. TRENCHING WITHIN THE DRIP LINE OF ANY TREE 18" OR GREATER SHALL BE DONE ONLY AFTER CONTACTING THE GRP OFFICE AT (619)274-6330 FOR A SITE VISIT TO DETERMINE ALTERNATE TRENCHING METHODS.		
9. CONTRACTOR WILL RECOVER ALL DISTURBED GRASS AFTER CONSTRUCTION WITH THE EXISTING GRASS AS SHOWN ON THE PLAN SHEETS.		

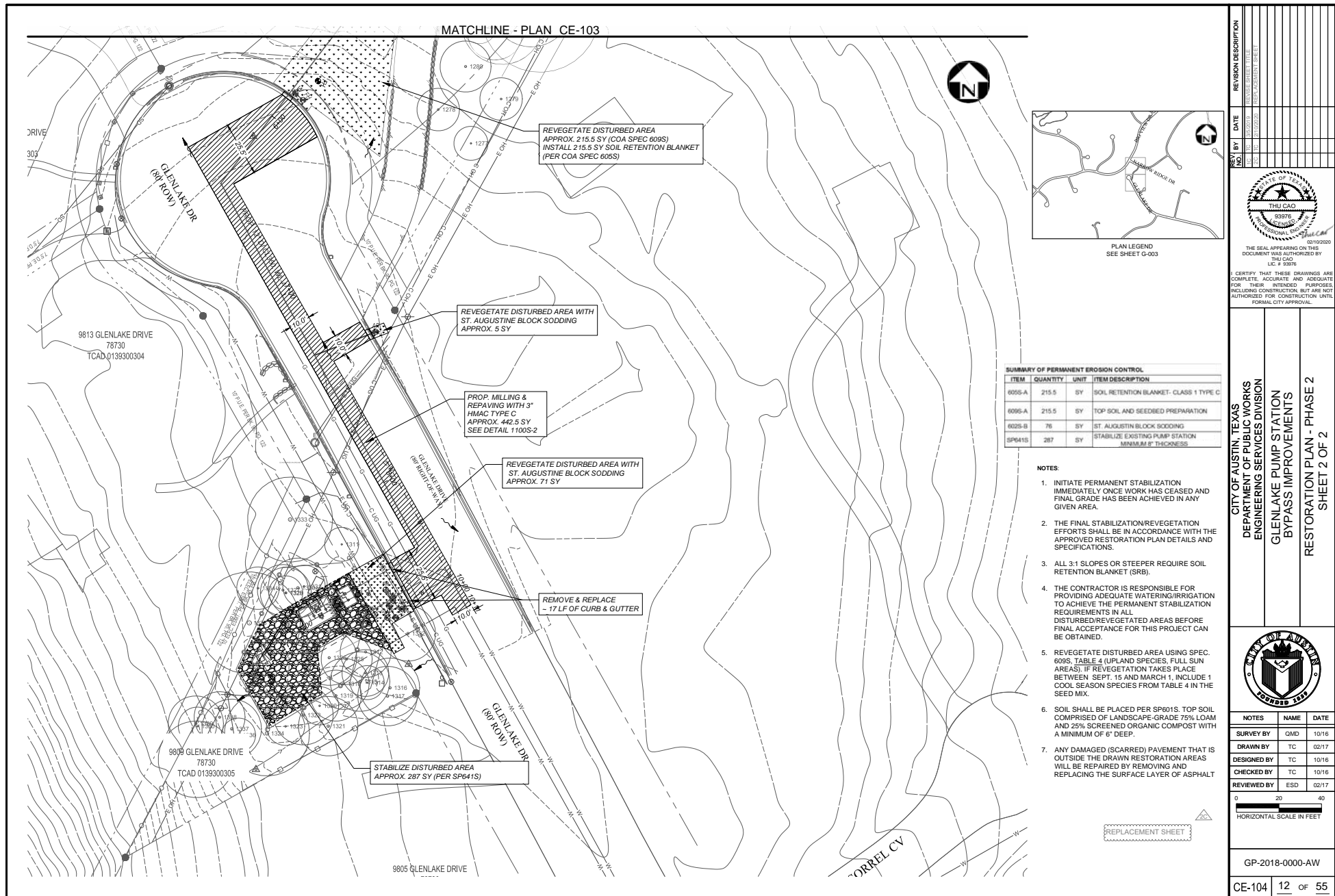
HORIZONTAL SCALE IN FEET

GP-2018-0000-AW

CE-101 9 OF 55









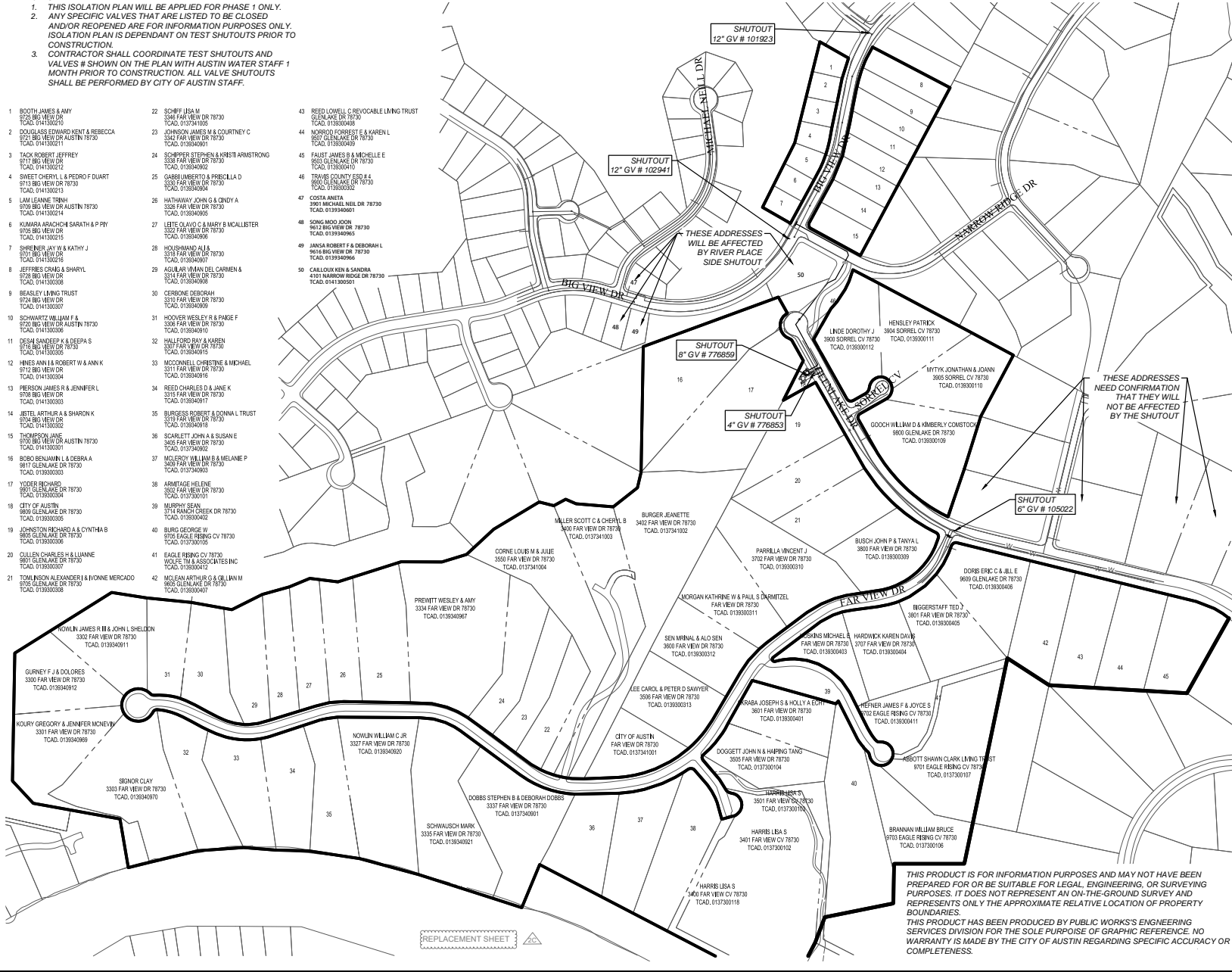




NOTES:

1. THIS ISOLATION PLAN WILL BE APPLIED FOR PHASE 1 ONLY.
2. ANY SPECIFIC VALVES THAT ARE LISTED TO BE CLOSED AND/OR REOPENED ARE FOR INFORMATION PURPOSES ONLY. ISOLATION PLAN IS DEPENDANT ON TEST SHUTOUTS PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE TEST SHUTOUTS AND VALVES # SHOWN ON THE PLAN WITH AUSTIN WATER STAFF 1 MONTH PRIOR TO CONSTRUCTION. ALL VALVE SHUTOUTS SHALL BE PERFORMED BY CITY OF AUSTIN STAFF.

- |   |  |  |   |   |  |  |   |   |   |  |   |   |  |   |   |   |  |   |   |  |
|---|--|--|---|---|--|--|---|---|---|--|---|---|--|---|---|---|--|---|---|--|
| 1 BOOTH JAMES & AMY<br>9726 BIG VIEW DR<br>TCAD: 013930210                      | 2 DOUGLASS EDWARD KENT & REBECCA<br>9726 BIG VIEW DR AUSTIN 78730<br>TCAD: 014130211 | 3 TACK ROBERT JEFFREY<br>9717 BIG VIEW DR<br>TCAD: 014130212                         | 4 SWEET CHERYL L & PEDRO F DUART<br>9713 BIG VIEW DR 78730<br>TCAD: 014130213 | 5 LAM LEANNE TRINH<br>9709 BIG VIEW DR AUSTIN 78730<br>TCAD: 014130214    | 6 KUMARA ARACHO SARATH & P PIVY<br>9706 BIG VIEW DR<br>TCAD: 014130215             | 7 SHREINER JAY W & KATHY J<br>9701 BIG VIEW DR<br>TCAD: 014130216          | 8 JEFFRIES CRAIG & SHARLY<br>9700 BIG VIEW DR<br>TCAD: 014130218          | 9 BEASLEY LIVING TRUST<br>9704 BIG VIEW DR<br>TCAD: 014130217   | 10 SCHWARTZ WILLIAM F &<br>9700 BIG VIEW DR AUSTIN 78730<br>TCAD: 014130219 | 11 DESHA SANDHEEP K & DEEPA S<br>9700 BIG VIEW DR 78730<br>TCAD: 014130220 | 12 HINES ANN L & ROBERT W & ANN K<br>9715 BIG VIEW DR<br>TCAD: 014130204      | 13 PIERSON JAMES R & JENNIFER L<br>9708 BIG VIEW DR<br>TCAD: 014130203  | 14 JIBTEL ARTHUR A & SHARON K<br>9704 BIG VIEW DR<br>TCAD: 014130202           | 15 THOMPSON JANE<br>9702 BIG VIEW DR AUSTIN 78730<br>TCAD: 014130201      | 16 BOBO BENJAMIN L & DEBRA A<br>9617 GLENLAKE DR 78730<br>TCAD: 013930303     | 17 YODER RICHARD<br>9607 GLENLAKE DR 78730<br>TCAD: 013930304   | 18 CITY OF AUSTIN<br>9609 GLENLAKE DR 78730<br>TCAD: 013930305 | 19 JOHNSON RICHARD A & CYNTHIA B<br>9550 GLENLAKE DR 78730<br>TCAD: 013930306 | 20 GILLEN CHARLES H & LUANNE<br>9607 GLENLAKE DR 78730<br>TCAD: 013930307 | 21 TOMLINSON ALANMERIE L & IVONNE MERCADO<br>9705 GLENLAKE DR 78730<br>TCAD: 013930308 |
| 22 SCHIFF LISA M<br>3302 FAR VIEW DR 78730<br>TCAD: 013734100                   | 23 JOHNSON JAMES M & COURTNEY C<br>3362 FAR VIEW DR 78730<br>TCAD: 013930400         | 24 SCHUPPER STEPHEN & KRISTEN ARMSTRONG<br>3358 FAR VIEW DR 78730<br>TCAD: 013930402 | 25 GABRI UNISTO L & MARCOLLA D<br>3302 FAR VIEW DR 78730<br>TCAD: 013930403   | 26 HATHAWAY JOHN G & CINDY A<br>3326 FAR VIEW DR 78730<br>TCAD: 013930405 | 27 LETTE CLAVIO C & MARY B MCALLESTER<br>3322 FAR VIEW DR 78730<br>TCAD: 013930406 | 28 HOUSHMAND ALI A<br>3318 FAR VIEW DR 78730<br>TCAD: 013930407            | 29 AGUILAR IMAN DEL CARMEN A<br>3314 FAR VIEW DR 78730<br>TCAD: 013930408 | 30 CERBONE DEBORAH<br>3310 FAR VIEW DR 78730<br>TCAD: 013930409 | 31 HOOVER WESLEY R & PAIGE F<br>3302 FAR VIEW DR 78730<br>TCAD: 013930410   | 32 HALLFORD RAY & KAREN<br>3307 FAR VIEW DR 78730<br>TCAD: 013930411       | 33 MCCONNELL CHRISTINE & MICHAEL<br>3315 FAR VIEW DR 78730<br>TCAD: 013930416 | 34 REED CHARLES D & JANE K<br>3319 FAR VIEW DR 78730<br>TCAD: 013930417 | 35 BURGESS ROBERT & DONNA L TRUST<br>3319 FAR VIEW DR 78730<br>TCAD: 013930418 | 36 SCARLETT JOHN A & SUSAN E<br>3405 FAR VIEW DR 78730<br>TCAD: 013734002 | 37 MCGRORY WILLIAM B & MELANIE P<br>3409 FAR VIEW DR 78730<br>TCAD: 013734003 | 38 ARMITAGE HELENE<br>3502 FAR VIEW DR 78730<br>TCAD: 013730010 | 39 MURPHY SEN<br>3514 RANCH CREEK DR 78730<br>TCAD: 013930402  | 40 BURG GEORGE W<br>9705 EAGLE RISING CV 78730<br>TCAD: 013730015             | 41 EAGLE RISING CV 78730<br>WOLFE TIA ASSOCIATES INC<br>TCAD: 013930412   | 42 MCLEAN ARTHUR G & GILLIAN M<br>9602 GLENLAKE DR 78730<br>TCAD: 013930407            |
| 43 REED LOWELL C REVOCABLE LIVING TRUST<br>GLENLAKE DR 78730<br>TCAD: 013930408 | 44 NORRIS FORREST E & KAREN L<br>9607 GLENLAKE DR 78730<br>TCAD: 013930409           | 45 FAUST JAMES B & MICHELLE E<br>9603 GLENLAKE DR 78730<br>TCAD: 013930410           | 46 TRAVIS COUNTY ESD #4<br>9600 GLENLAKE DR 78730<br>TCAD: 013930302          | 47 COSTA ANITA<br>3901 MICHAEL NEEL DR 78730<br>TCAD: 013930401           | 48 SONG MOO JOON<br>9612 BIG VIEW DR 78730<br>TCAD: 013930406                      | 49 JANSO ROBERT F & DEBORAH L<br>9616 BIG VIEW DR 78730<br>TCAD: 013930406 | 50 CALLOUX KEN & SANDRA<br>4101 HARBOR RIDGE DR 78730<br>TCAD: 014130001  |   |   |  |   |   |  |   |   |   |  |   |   |  |



THIS PRODUCT IS FOR INFORMATION PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.

THIS PRODUCT HAS BEEN PRODUCED BY PUBLIC WORKS'S ENGINEERING SERVICES DIVISION FOR THE SOLE PURPOSE OF GRAPHIC REFERENCE. NO WARRANTY IS MADE BY THE CITY OF AUSTIN REGARDING SPECIFIC ACCURACY OR COMPLETENESS.

REVISION	DATE	DESCRIPTION
1	01/10/2020	ISSUED FOR PERMIT

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THE CITY OF AUSTIN, TEXAS, ON 01/10/2020.

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CITY OF AUSTIN, TEXAS  
ENGINEERING SERVICES DIVISION  
GLENLAKE PUMP STATION  
BYPASS IMPROVEMENTS  
ISOLATION PLAN - PHASE 1

FORWARDED TO: 01/10/2020

NOTES	NAME	DATE
SURVEY BY	QMD	10/16
DRAWN BY	MS	02/17
DESIGNED BY	MS	10/16
CHECKED BY	TC	10/16
REVIEWED BY	ESD	02/17

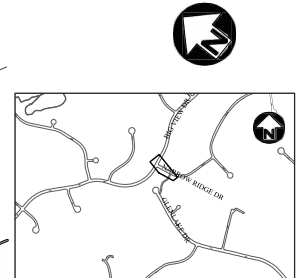
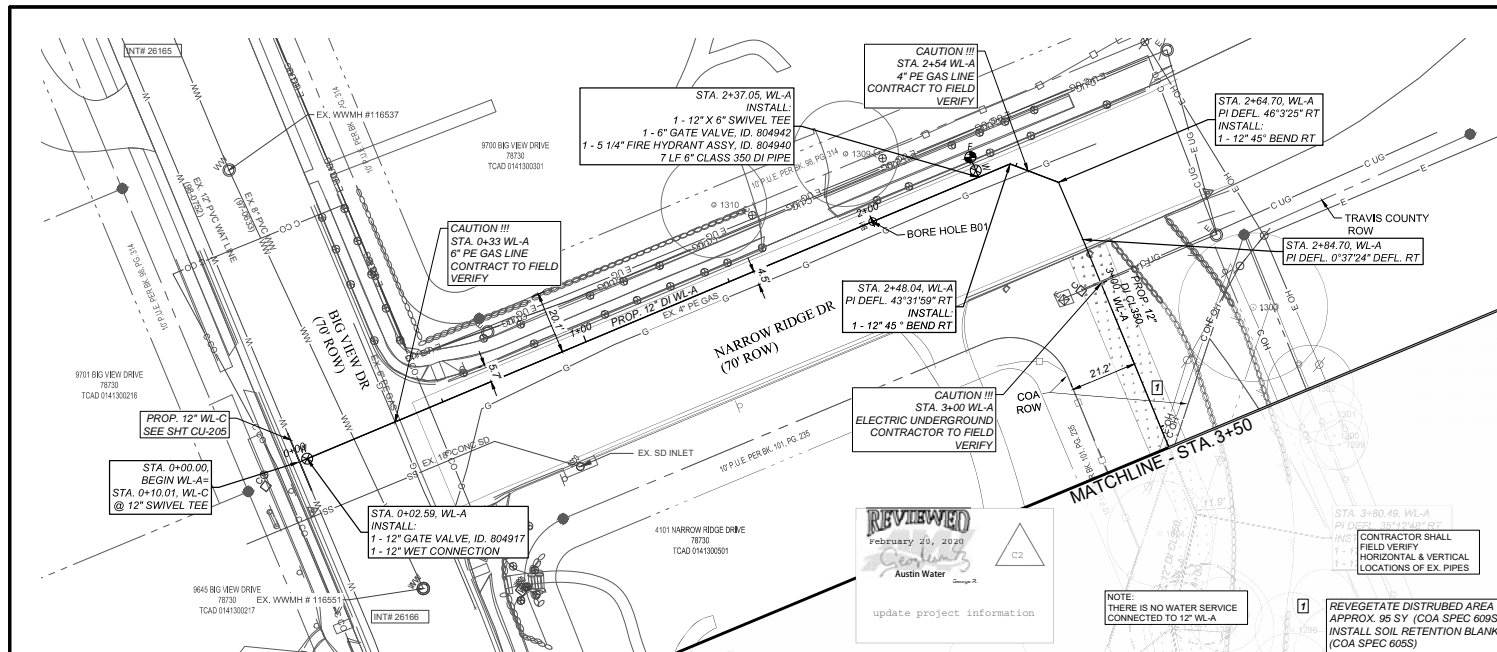
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HORIZONTAL SCALE IN FEET

GP-2018-0000-AW

VU-102 15 OF 55







WASTEWATER 97-0633 PROFILE MAP	WATER 24274 INTERSECTION MAP	WATER 98-0752 PROJECT NUMBER
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RECORD REFERENCES	
QUAD MAP D30 NUMBER	MAPSCO 522C NUMBER
PLAN LEGEND SEE SHEET G-003	

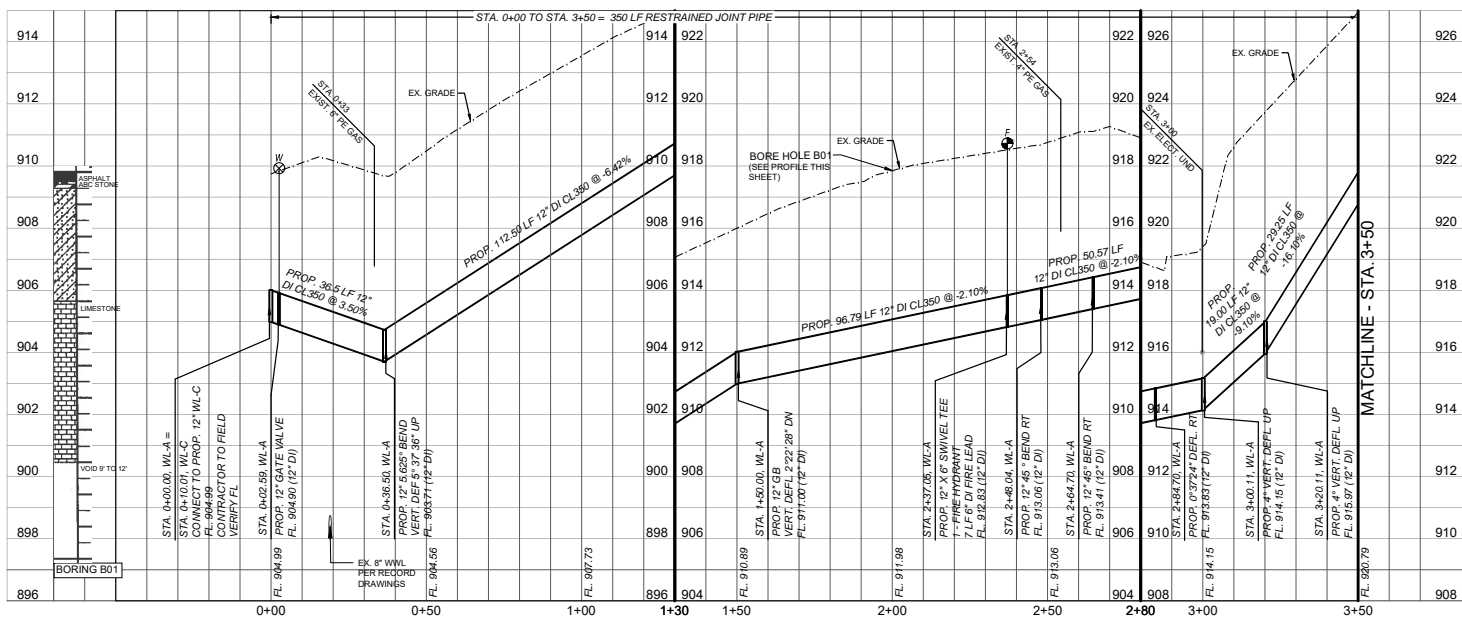
REVISION DESCRIPTION

NO.	DATE	DESCRIPTION
1	02/20/20	ISSUED FOR PERMIT

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02/20/20  
THU CAO  
33976  
Professional Engineer  
State of Texas

WL-A



- WATER PLAN & PROFILE NOTES:
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CITY OF AUSTIN, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING SERVICES DIVISION  
GLENLAKE PUMP STATION  
BYPASS IMPROVEMENTS  
PROPOSED WATER PLAN & PROFILE - PHASE 1  
WL-A BEGIN - STA. 3+50

NOTES NAME DATE

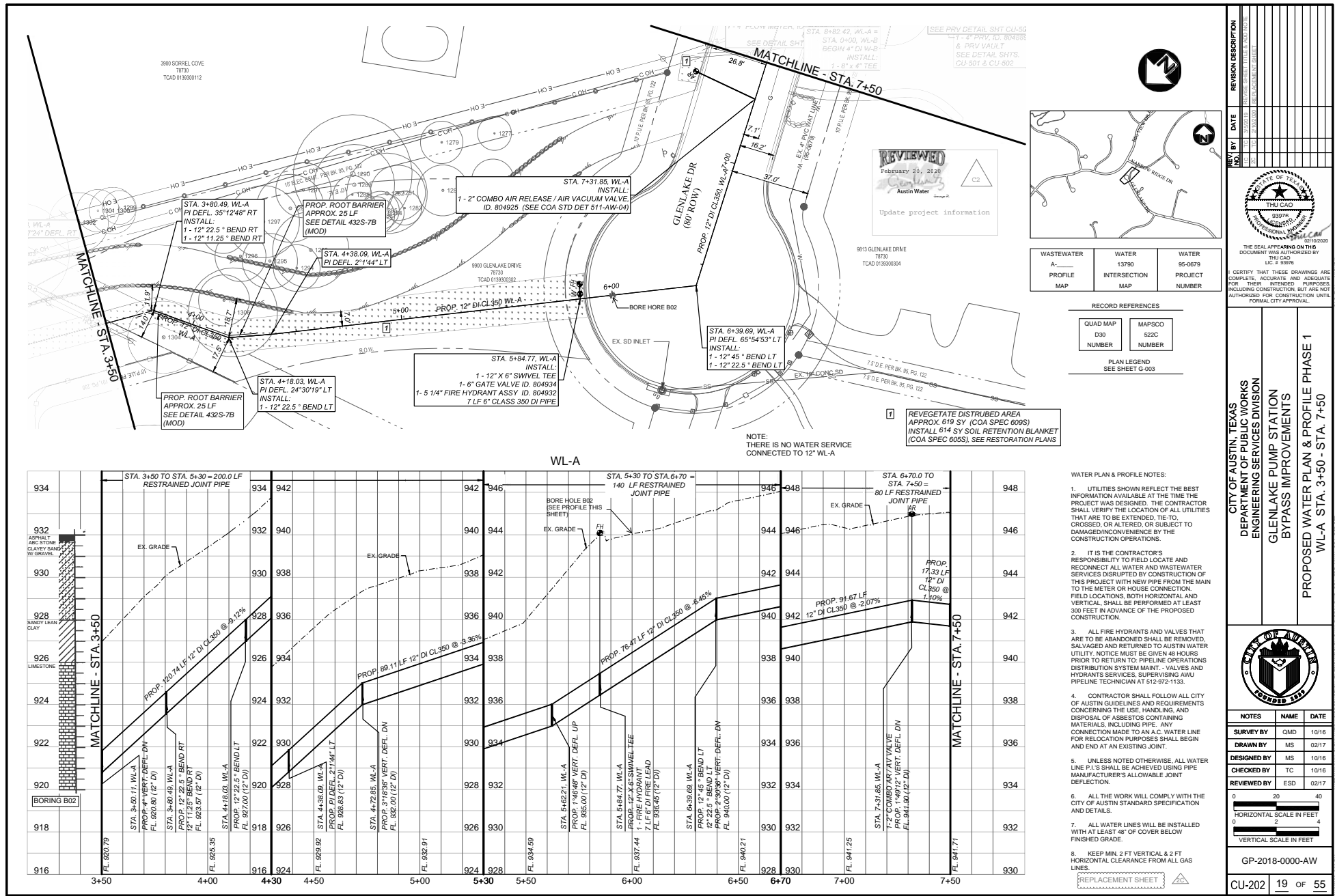
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CHECKED BY	TC	10/16
REVIEWED BY	ESD	02/17

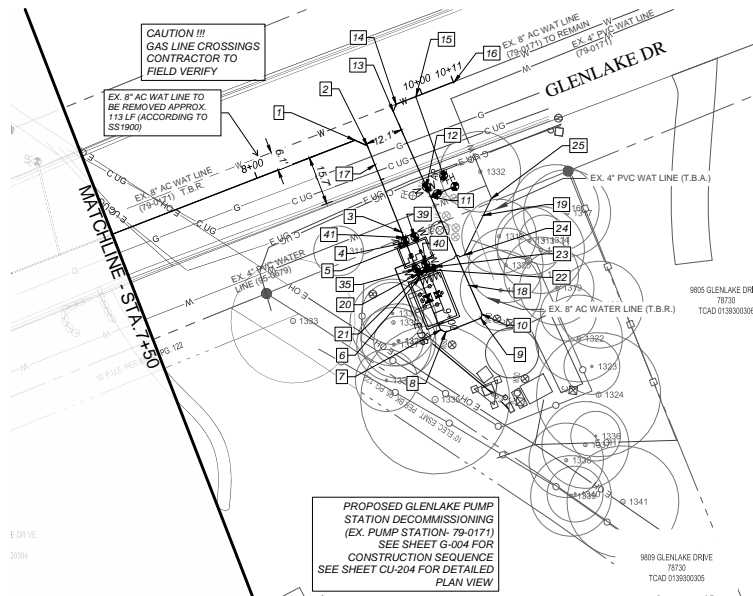
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GP-2018-0000-AW

CU-201 18 OF 55





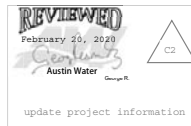
- 1 STA. 8+33.80 WL-A 45° BEND RT
- 2 STA. 8+38.19 WL-A 45° BEND RT
- 3 STA. 8+67.35 WL-A 12\" x 8\" REDUCER
- 4 STA. 8+71.12 WL-A 8\" GATE VALVE, ID#808500
- 5 STA. 8+72.42 WL-A BEGIN DUAL 8\" & 4\" FLOW METERS AND VAULT
- 6 STA. 8+83.92 WL-A BEGIN DUAL 8\" & 4\" PRVs AND VAULT
- 7 STA. 9+01.99 WL-A, 8\"-45° BEND LT
- 8 STA. 9+03.79 WL-A, 8\"-45° BEND LT
- 9 STA. 9+15.92 WL-A, 8\"-45° BEND LT
- 10 STA. 9+17.23 WL-A, 8\"-45° BEND LT
- 11 STA. 9+58.70 WL-A 12\" x 6\" SWIVEL TEE, 6\" GATE VALVE, & 5\" FIRE HYDRANT, 8 LF 6\" DI FIRE LEAD
- 12 STA. 9+62.05 WL-A, 8\" GATE VALVE,
- 13 STA. 9+88.56 WL-A, 8\"-45° BEND RT
- 14 STA. 9+91.05 WL-A, 8\"-45° BEND RT
- 15 STA. 9+97.89 WL-A 2\" COMBO ARV
- 16 STA. 10+10.87 END WL-A, 9\" DI TO AC PIPE ADAPTER TIE TO EX. 8\" AC PIPE
- 17 PROP. 12\" DI CL350, WL-A
- 18 PROP. 8\" DI CL350, WL-A

#### KEYED NOTES:

- 19 PROP. 4\" DI CL350, WL-B
- 20 STA. 8+82.42 WL-A = STA. 0+00 WL-B, 1\"-8\" x 4\" TEE 8\" FL=939.49, 4\" FL=939.66
- 21 STA. 0+01.10 WL-B 4\" GATE VALVE, ID#804874
- 22 STA. 0+03.35 WL-B 4\" CROSS
- 23 STA. 0+05.66 WL-B 4\" GATE VALVE, ID#804876
- 24 STA. 0+16.71 WL-B 45° BEND
- 25 STA. 0+35.89 WL-B 45° BEND 4\" DI TO PVC ADAPTER TIE TO EX. 4\" PVC
- 26 PROP. 33.73 LF 8\" DI PIPE CL 350 @ 0.00%
- 27 STA. 9+08.00 WL-A 2\"3448\" VERT DEFL DN, FL=939.49
- 28 PROP. 25.17 LF 8\" DI PIPE CL 350 @ -4.51%
- 29 STA. 9+35.00 WL-A 2\"3448\" VERT DEFL UP, FL=938.27
- 30 4\" WL-B, FL=940.80
- 31 STA. 9+41.87 WL-B 2\"4012\" VERT DEFL UP, FL=938.27
- 32 PROP. 49.63 LF 8\" DI PIPE CL 350 @ 4.67%
- 33 8\" WL-A, FL=938.27
- 34 PROP. 3.72 LF 8\" DI PIPE CL 350 @ 0.00%

- 35 STA. 8+81.22 WL-A PROP. 8\" GATE VALVE, ID#808502
- 36 PROP. 6.08 LF 4\" DI PIPE CL 350 @ 0.00%
- 37 PROP. 5.26 LF 4\" DI PIPE CL 350 @ 19.79%
- 38 PROP. 21.13 LF 4\" DI PIPE CL 350 @ 0.00%
- 39 PROP. 4\" GATE VALVE, ID#808504 SEE PRV DETAIL SHT CU-501
- 40 PROP. 4\" GATE VALVE, ID#808506 SEE PRV DETAIL SHT CU-501
- 41 STA. 8+69.92 WL-A 8\" x 4\" TEE

CONTRACTOR SHALL FIELD VERIFY HORIZONTAL & VERTICAL LOCATIONS OF EX. PIPES



#### RECORD REFERENCES

QUAD MAP	MAPSCO
D30	S22C
NUMBER	NUMBER

PLAN LEGEND  
SEE SHEET G-003

#### NOTE:

SEE SHEET CU-204, & CU-205 FOR PLAN VIEW OF PROPOSED PRV, FLOW METER, AND PRESSURE POINT MONITORING STATION

#### WATER PLAN & PROFILE NOTES:

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REPLACEMENT SHEET

GP-2018-0000-AW

CU-203 20 OF 55

REV	BY	DATE	REVISION DESCRIPTION
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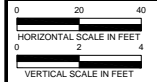
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CITY OF AUSTIN, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING SERVICES DIVISION  
GLENLAKE PUMP STATION  
BYPASS IMPROVEMENTS  
PROPOSED WATER PLAN & PROFILE - PHASE 1  
WL-A STA. 3+50 - STA. 7+50 & WL-B BEGIN-END

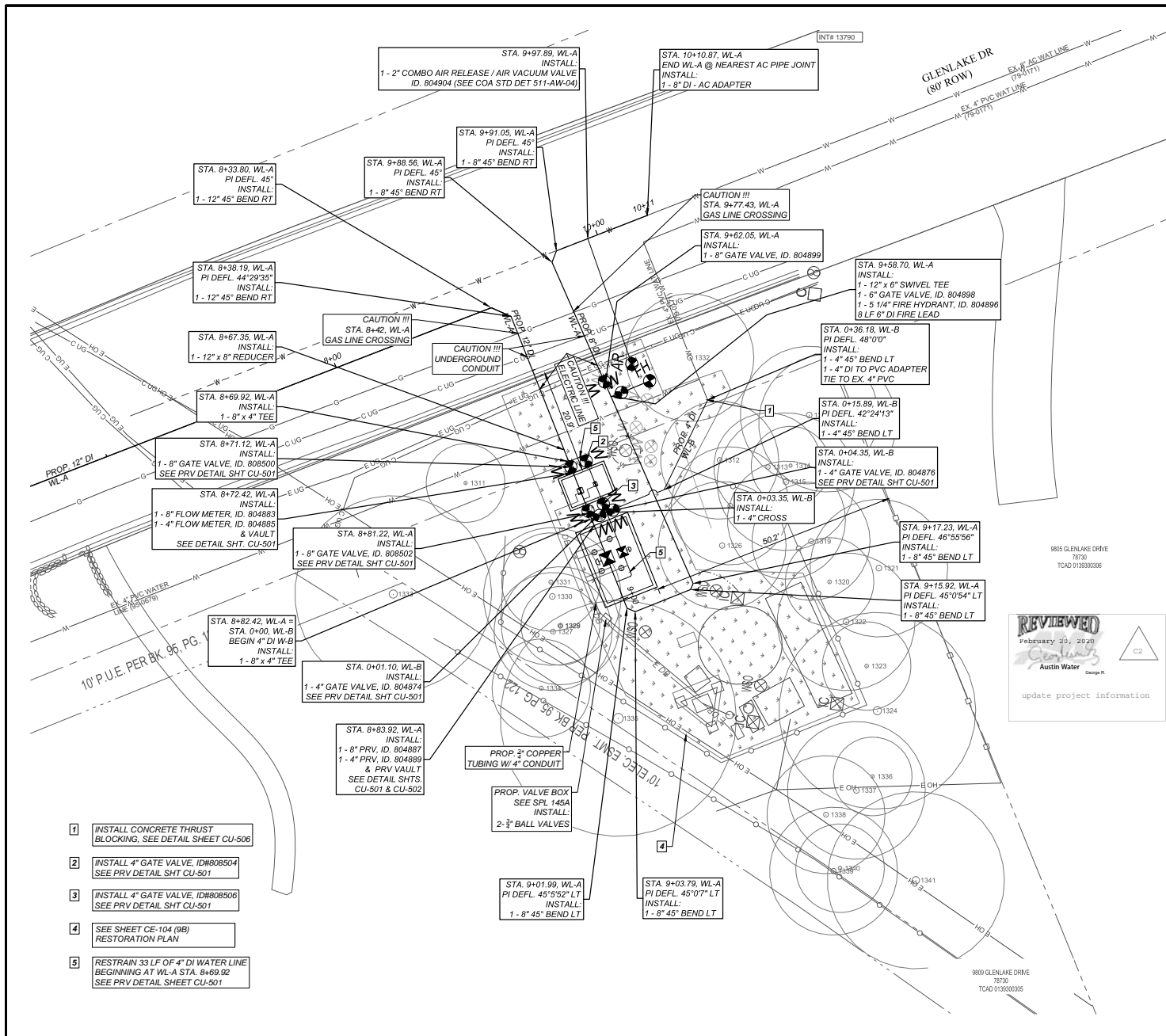


NOTES	NAME	DATE
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DRAWN BY	MS	02/17
DESIGNED BY	MS	10/16
CHECKED BY	TC	10/16
REVIEWED BY	ESD	02/17



GP-2018-0000-AW  
CU-203 20 OF 55





WASTEWATER A: PROFILE MAP	WATER 13790 INTERSECTION MAP	WATER 79-0171 PROJECT NUMBER
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RECORD REFERENCES

QUAD MAP D30 NUMBER
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MAPSCO 522C NUMBER
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PLAN LEGEND  
SEE SHEET G-003

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<b>REVISION DESCRIPTION</b> NO. BY DATE 1 TC 02/09 2 TC 02/17 3 ESD 02/17	
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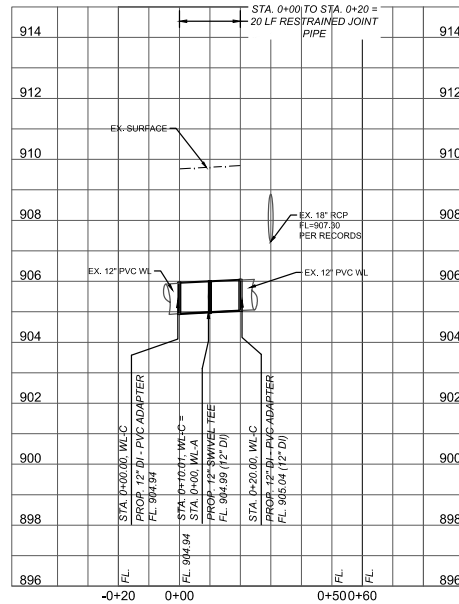
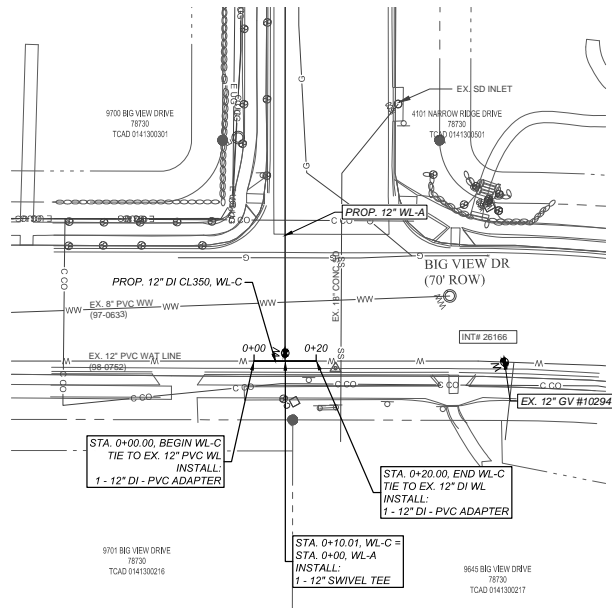
**CITY OF AUSTIN, TEXAS**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING SERVICES DIVISION**  
**GLENLAKE PUMP STATION**  
**BYPASS IMPROVEMENTS**  
**WL-A & PRV & FLOW METER PLAN PHASE 1**

NOTES	NAME	DATE
<b>SURVEY BY</b>	QMD	10/16
<b>DRAWN BY</b>	MS	02/17
<b>DESIGNED BY</b>	MS	10/16
<b>CHECKED BY</b>	TC	10/16
<b>REVIEWED BY</b>	ESD	02/17

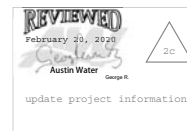
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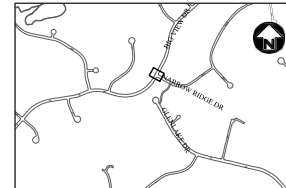
CU-204 21 OF 55



CONTRACTOR SHALL  
FIELD VERIFY  
HORIZONTAL & VERTICAL  
LOCATIONS OF EX. PIPES



REPLACEMENT SHEET



WASTEWATER 97-0633 MAP	WATER 13790 INTERSECTION MAP	WATER 79-0171 PROJECT NUMBER
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QUAD MAP D30 NUMBER	MAPSCO 522C NUMBER
PLAN LEGEND SEE SHEET G-003	

#### WATER PLAN & PROFILE NOTES:

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1. ALL FABRICATED PIPE SECTIONS INSIDE VAULT SHALL CONFORM TO COA SPL WW-27 AND SPL WW-27E.
2. ALL FITTINGS SHALL CONFORM TO COA SPL WW-27B. ALL FITTINGS SHALL BE RESTRAINED, MECHANICAL JOINTS OUTSIDE VAULT. w/FLANGED OR UN-FLANGED FITTINGS INSIDE VAULT. ALL COUPLINGS SHALL UTILIZE RESTRAINED JOINT SYSTEM.
3. TYPE 316 STAINLESS STEEL F-599 HEX BOLTS AND F-574 HEX NUTS c/w SAE STAINLESS STEEL WASHERS USED THROUGHOUT ASSEMBLY.
4. FULL FACE  $\frac{3}{8}$ " THICK RED RUBBER GASKETS USED THROUGHOUT ASSEMBLY.
5. PRESSURE REDUCING VALVE SHALL BE PRESET TO:  
4" PRV - P(OUT) = 31 PSI; 8" PRV - P(OUT) = 23 PSI
6. INSTALL TEE WITH SHUT OFF VALVE (COA SPL WW-27S) FOR PRESSURE GAUGE. INSTALL ALL NECESSARY COMPONENTS.
7. CAST OR CORE PIT DRILLED WALL OPENING.

9. CONTRACTORS TO VERIFY VALVE DIMENSION PRIOR TO SELECT THE PIPE SADDLE SUPPORT AND PIPE STANCHIONS



*N.T.S.*

## MATERIAL LIST

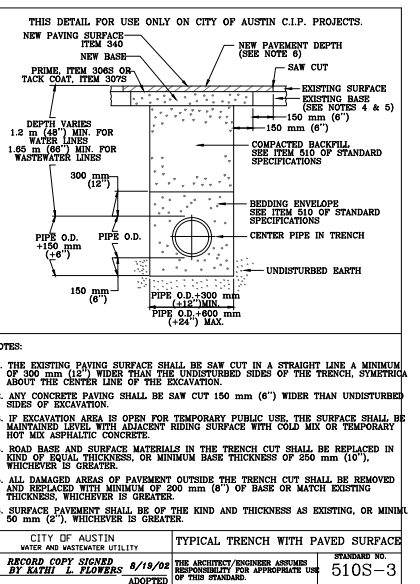
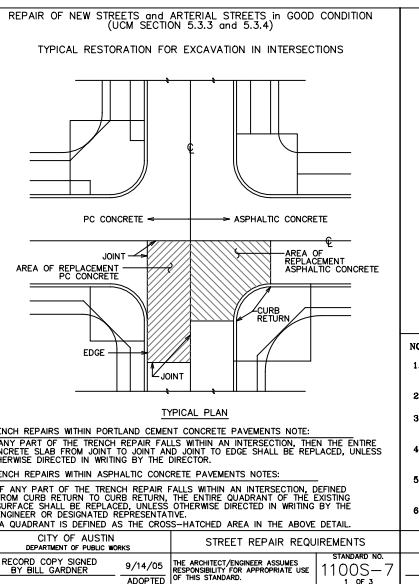
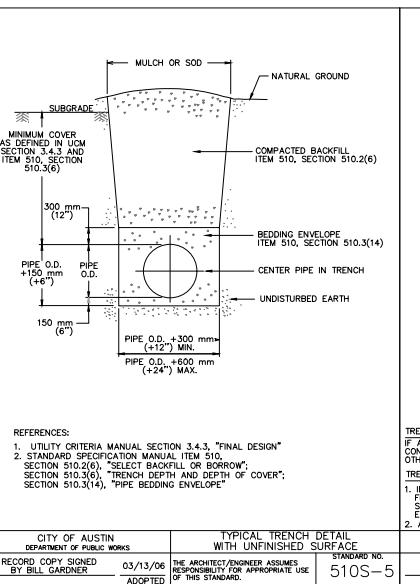
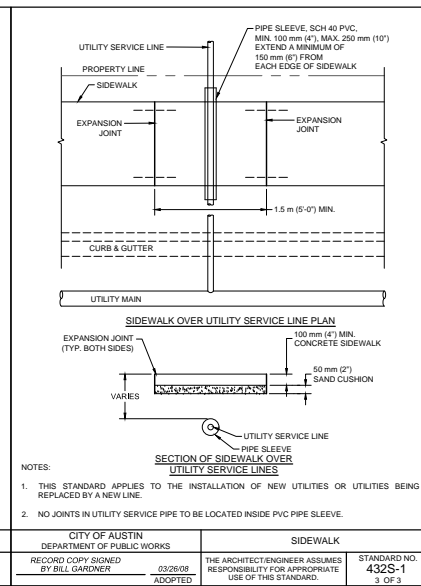
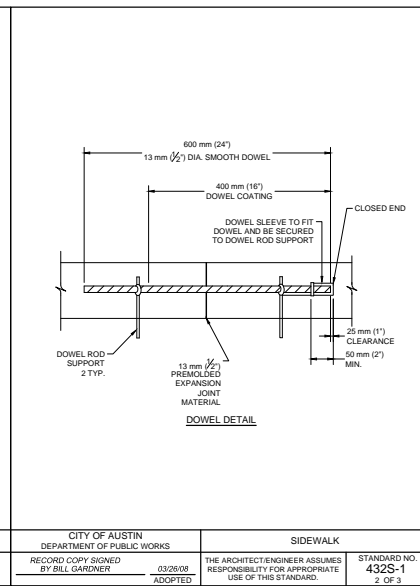
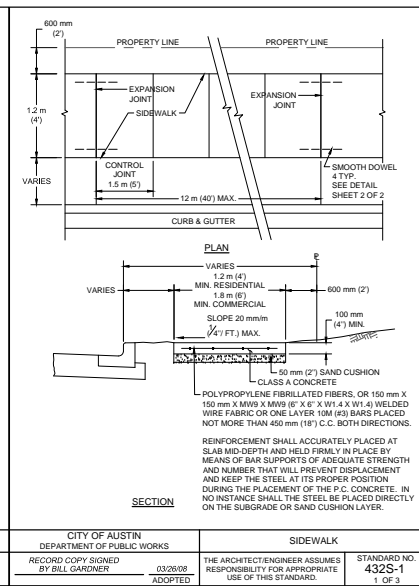
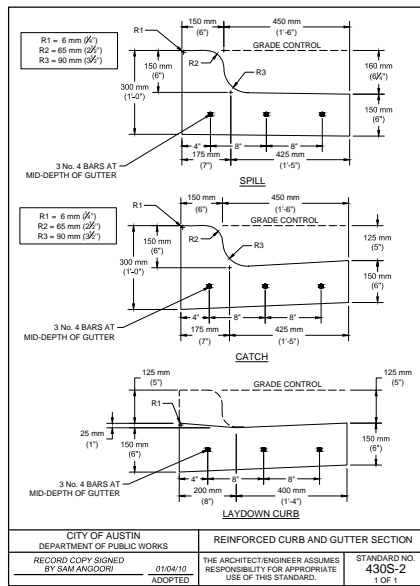
ITEM	DESCRIPTION	SIZE	MIN. FLANGE RATING / TYPE	QTY
①	<b>CLA-VAL</b> PRESSURE REDUCING VALVE PER COA SPL WW-319 NOTE: PILOT ARRANGEMENTS SHOWN FOR ILLUSTRATION ONLY	8"	ANSI CLASS 150 FLG x FLG	1
②	<b>CLA-VAL</b> PRESSURE REDUCING VALVE PER COA SPL WW-319 NOTE: PILOT ARRANGEMENTS SHOWN FOR ILLUSTRATION ONLY	4"	ANSI CLASS 150 FLG x FLG	1
③	STRAINER PER COA SPL WW-319A, <b>CLA-VAL</b> MODEL X43H H STYLE w/ STANDARD 10 MESH (OR APPROVED EQUAL)	8"	ANSI CLASS 150 FLG x FLG	1
④	STRAINER PER COA SPL WW-319A, <b>CLA-VAL</b> MODEL X43H H STYLE w/ STANDARD 10 MESH (OR APPROVED EQUAL)	4"	ANSI CLASS 150 FLG x FLG	1
⑤	DISMANTLING JOINT, <b>ROMAC INDUSTRIES</b> STYLE DJ405 (OR APPROVED EQUAL) w/ RomaGrip RESTRAINT, FUSION BONDED EPOXY COATED w/ STAINLESS STEEL HARDWARE PER COA SPL WW-27A	8"	AWWA CLASS D	1
⑥	DISMANTLING JOINT, <b>ROMAC INDUSTRIES</b> STYLE DJ405 (OR APPROVED EQUAL) w/ RomaGrip RESTRAINT, FUSION BONDED EPOXY COATED w/ STAINLESS STEEL HARDWARE PER COA SPL WW-27A	4"	AWWA CLASS D	1
⑦	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700 (w/HANDWHEEL)	8"	FLG x FLG	2
⑧	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700 (w/HANDWHEEL)	4"	FLG x FLG	2
⑨	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700	4"	FLG x FLG	4
⑩	RESILIENT-SEATED GATE VALVE PER COA SPL WW-700	8"	FLG x FLG	2
⑪	8"x4" TEE	8"x4"	FLG x FLG	2
⑫	4"x90" BEND	4"	FLG x FLG	2
⑬	8" DI CLASS 350 PIPE JOINT	8"	FLG x P.E.	2
⑭	4" DI CLASS 350 PIPE - SPOOL PIECE	4"	FLG x FLG	4
⑮	PIPE STANCHION SADDLE SUPPORT (AVIL INTERNATIONAL, INC.) FIG. 258 AND FIG. 62 OR APPROVED EQUAL, HOT DIP GALVANIZED FINISH WITH 316 STAINLESS STEEL EXPANSION ANCHORS ( See Support Details on This Sheet)			6
⑯	8" ELECTROMAGNETIC FLOW METER (ABB MODEL FEW 325.200 )	8"		1
⑰	4" ELECTRO MAGNETIC FLOW METER (ABB MODEL FEW 325.100)	4"		1
⑱	LADDER (HALLIDAY PRODUCT SERIES L1B LADDER & SERIES L1E EXTENSION) WITH 7" MIN. STAND OFF (FOR FLAT WALL)			2
⑲	4"x4" CROSS	4"x4"	FLG x FLG	1
⑳	8" SPOOL WITH 3" PORT	8"x8"	FLG x FLG	1
\21	4" SPOOL WITH 2" PORT	4"x4"	FLG x FLG	1
\22	LINK-SEAL MODULAR SEALS W/ STAINLESS STEEL HARDWARE ( OR APPROVED EQUAL)			
\23	2" DOUBLE STRAP SERVICE CLAMPS PER SPL WW-264	2"		2
\24	3/4" AIR RELEASE VALVE PER COA SPL WW-462A	3/4"		2
\25	3/4" BALL VALVE PER COA SPL- 275	3/4"		

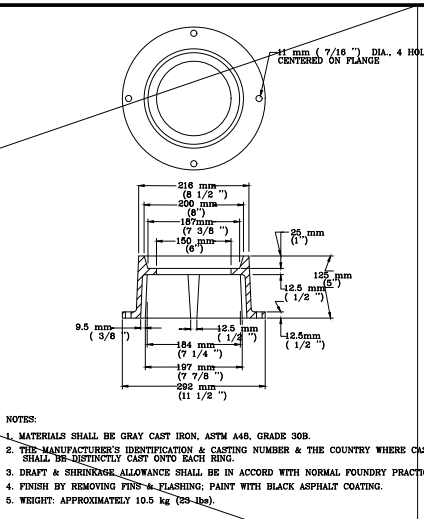
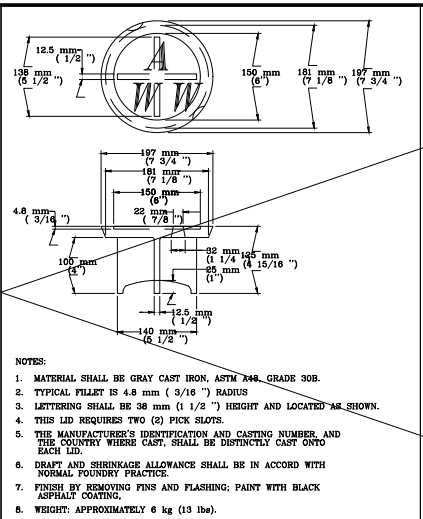
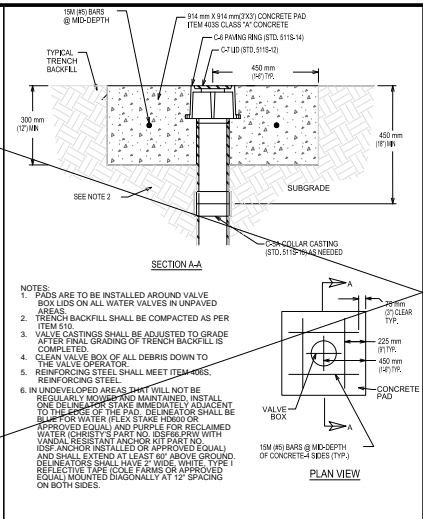
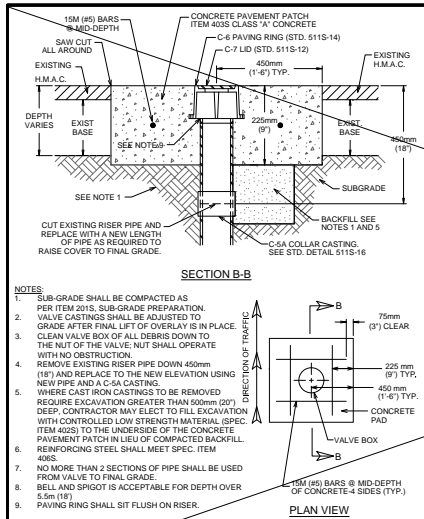
### PRESSURE REDUCING VALVE STATION INFORMATION AT GLENLAKE DRIVE

UPSTREAM (HIGH PRESSURE)		DOWNSTREAM (LOW PRESSURE)		DOMESTIC ONLY		DOMESTIC & FIREFLOW	UPSTREAM (HIGH PRESSURE)	DOWNSTREAM (LOW PRESSURE)	
ZONE	HGL	ZONE	HGL	Q(MIN.)	Q(MAX.)	Q(MAX.)		4" PRV	8" PRV
RIVER PLACE 5	1110'	GLENLAKE 2 REDUCED	1010'	100	1480	3000	74 PSI	31 PSI	23 PSI

REVIEWED  
APR 03 2018  
George Hisey  
Austin Water Utility

[illegible]



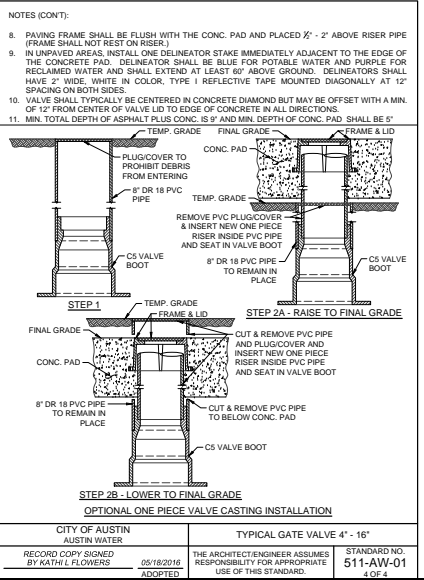
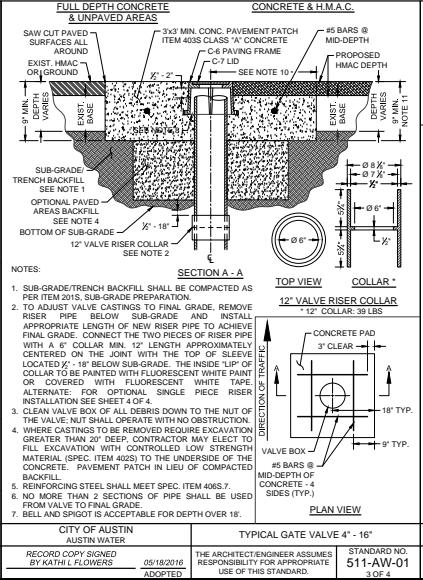
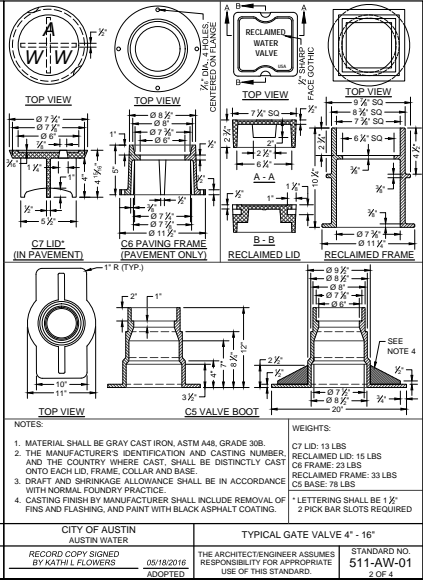
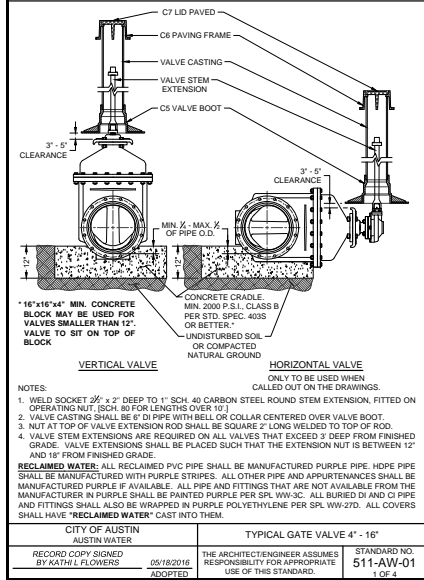


CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX ADJUSTMENT TO GRADE W/ FULL DEPTH CONCRETE	CITY OF AUSTIN AUSTIN WATER UTILITY	WATER VALVE BOX CONCRETE PAD IN UNPAVED AREA
RECORD COPY SIGNED BY KATHI L. FLOWERS 05/31/2016 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	RECORD COPY SIGNED BY SAM ANDORC 10/19/09 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.
STANDARD NO. 511S-13A		STANDARD NO. 511S-13C	

CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX CASTING C-7 LID	CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX CASTING C-7 LID
RECORD COPY SIGNED BY KATHI L. FLOWERS 05/31/2016 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	RECORD COPY SIGNED BY KATHI L. FLOWERS 05/31/2016 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.
STANDARD NO. 511S-12		STANDARD NO. 511S-12	

CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX CASTING C-7 LID	CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX CASTING C-7 LID
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STANDARD NO. 511S-12		STANDARD NO. 511S-12	

CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX CASTING C-7 LID	CITY OF AUSTIN AUSTIN WATER	WATER VALVE BOX CASTING C-7 LID
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STANDARD NO. 511S-12		STANDARD NO. 511S-12	



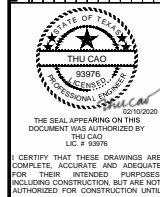
CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"
RECORD COPY SIGNED BY KATHI L. FLOWERS 05/18/2016 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	RECORD COPY SIGNED BY KATHI L. FLOWERS 05/18/2016 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.
STANDARD NO. 511-AW-01 1 OF 4		STANDARD NO. 511-AW-01 2 OF 4	

CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"
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STANDARD NO. 511-AW-01 3 OF 4		STANDARD NO. 511-AW-01 4 OF 4	

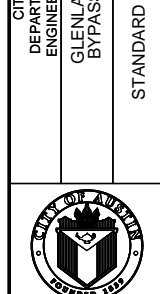
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STANDARD NO. 511-AW-01 5 OF 4		STANDARD NO. 511-AW-01 6 OF 4	

CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"	CITY OF AUSTIN AUSTIN WATER	TYPICAL GATE VALVE 4" - 16"
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STANDARD NO. 511-AW-01 7 OF 4		STANDARD NO. 511-AW-01 8 OF 4	

REVISION	DATE	DESCRIPTION
1	05/31/2016	ISSUED FOR CONSTRUCTION



CITY OF AUSTIN, TEXAS  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING SERVICES DIVISION  
GLENLAKE PUMP STATION  
BYPASS IMPROVEMENTS



NOTES	NAME	DATE
SURVEY BY	QMD	10/16
DRAWN BY	MS	02/17
DESIGNED BY	MS	10/16
CHECKED BY	TC	10/16
REVIEWED BY	ESD	02/17

